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A LIST OF AMERICAN DOCTORAL DISSERTATIONS PRINTED IN 1918

UNIV. OF CALIFORNIA

PREPARED BY

KATHARINE JACOBS

CATALOGUE DIVISION

WASHINGTON
GOVERNMENT PRINTING OFFICE
1921

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PREFATORY NOTE

The following list of theses (1918) has been compiled according to the plan adopted for the list of 1912, in which the method and arrangement are explained on pages 7 to 9 of the introduction by Mr. Charles A. Flagg. Theses received before November 1, 1920, are included in this list; theses received later will appear as a supplement to the list for 1919.

Supplementary lists of theses printed in 1914, 1916, and 1917 are prefixed. They are numbered continuously with the lists of 1914, 1916, and 1917 and distinguished in the subject index (Section III) by the addition of the date.

KATHARINE JACOBS
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SUPPLEMENTARY LISTS OF THESES PRINTED IN 1914, 1916, AND 1917

(Received too late for 1914, 1916, and 1917 lists)

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FOURTH SUPPLEMENTARY LIST OF THESES PRINTED IN 1914

(In continuation of first, second, and third supplementary lists prefixed to Lists of Theses printed in 1915, 1916, and 1917)

319 **Harmon, Esther,** 1880–

Johanna Schopenhauer . . . München, Kgl. hofbuchdr. Kastner & Callwey, 1914. 115 p., 1 l.

Bryn Mawr college, 1912, PH. D.

"Ein abschnitt derselben unter dem titel 'Johanna Schopenhauer als schriftstellerin' erschien 1910 in dem 'Journal of English and Germanic philology,' vol. 9, nr. 2, 1910."

20–17030 PT2508.S6Z6

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SECOND SUPPLEMENTARY LIST OF THESES PRINTED IN 1916

(In continuation of first supplementary list prefixed to List of Theses printed in 1917)

395 **Clark, Helen,** 1890–

Visual imagery and attention: an analytical study . . . [Worcester, Mass., 1916] 2 p. l., p. [461]–492, 1 l.

University of Illinois, 1916, PH. D.

With a t.-p. and Contents [1918?] prefixed.

"Reprinted from the American journal of psychology, October, 1916, vol. XXVII."

18–16485 BF321.C6

396 **Coulter, Ellis Merton,** 1890–

Effects of secession upon the commerce of the Mississippi Valley . . . [Cedar Rapids, 1916] cover-title, 1 p. l., p. [275]–300.

University of Wisconsin, 1917, , PH. D.

Thesis note stamped on cover.

"Reprinted from the Mississippi Valley historical review, vol. III, no. 3, Dec. 1916."

20–1138 HF3155.C6

397 **Ferguson, Maxwell,** 1888–

State regulation of railroads in the South . . . New York, 1916. 2 p. l., 7–230 p.

Columbia university, , PH. D.

Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university. v. 67, no. 2; whole no. 162.

16–14676 HE1051.F4

398 **Harris, Lynn Harold,** *ed.*

. . . Catiline his conspiracy, by Ben Jonson, ed., with introduction, notes and glossary, by Lynn Harold Harris . . . New Haven, Yale university press; [etc., etc.] 1916. lxi, 236 p.

(Yale studies in English, A. S. Cook, editor. LIII)

Yale university, 1914, PH. D.

With reproduction of original t.-p.

20–11097 PR2608.A2H3

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399 **Hufford, Mason Edward.**

The diffraction ring pattern in the shadow of a circular object . . . [Lancaster, Pa., and Ithaca, N. Y., 1916] cover-title, p. [545]–550.

Indiana university, 1916, PH. D.

Without thesis note.

"Reprinted from the Physical review, n. s., vol. VII, no. 5, May, 1916."

20–8446 QC415.H8

400 **Luckey, Bertha Musson.**

The specific brightness of colors . . . Lincoln, 1916. 60 p.

University of Nebraska, 1916, PH. D.

20–18162 QC495.L89

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SUPPLEMENTARY LIST OF THESES PRINTED IN 1917

369 **Blankenagel, John Carl.**

. . . The attitude of Heinrich von Kleist toward the problems of life . . . Göttingen, Vandenholck & Ruprecht; Baltimore, The Johns Hopkins press, 1917. 2 p. l., 84 p.

(Hesperia; schriften zur germanischen philologie . . . nr. 9)
University of Wisconsin, 1915, PH. D.
Thesis note stamped on cover.
20–19790 PD25.H5nr.9

370 **Dodson, John Dillingham.**

An experimental study of the relative values of reward and punishment in habit formation . . . [Baltimore, 1917] cover-title, p. 231–276.

University of Minnesota, 1918, PH. D.
On cover: Department of psychology, April, 1918.
"Reprinted from Psychobiology, vol. I, no. 3, November 1917."
19–14375 QL751.D6

371 **Jackson, Thomas Franklin.**

The description and stratigraphic relationships of fossil plants from the lower Pennsylvania rocks of Indiana . . . [Indianapolis, 1917] p. 405–428.

Indiana university, 1916, PH. D.
Without thesis note.
Reprinted from the Proceedings of the Indiana academy of science, 1916.
20–18161 QE937.I6J2

372 **Keddy, John Lewis,** 1891–

The New York state legislative budget for 1917 . . . [New York, 1917] 2 p. l., iii–x, 141 p.

Columbia university, 1919, PH. D.
Published also as Municipal research, issued by the Bureau of municipal research, no. 86, June, 1917.
20–6668 HJ2053.N7K4

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373 **Nichols, Harold William.**

. . . Theory of variable dynamical electrical systems . . . [Lancaster, Pa., Press of the New era printing company, 1917] 1 p. l., p. 171–193, 1 l.

University of Chicago, 1919, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from the Physical review, n. s., vol. 10, no. 2, August, 1917."

20–2515 QC631.N65

374 **Spring, Evelyn.**

A study of exposition in Greek tragedy . . . [Boston, 1917] 1 p. l., p. 135–224.

"This essay in its original form, entitled Quo modo Aeschylus in tragoediis suis res antecedentis exposuerit, was presented in 1915 in partial fulfilment of the requirements for the degree of doctor of philosophy in Radcliffe college."

"Printed from the Harvard studies in classical philology, vol. XXVIII, 1917."

20–2140 PA3131.S7

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SECTION 1

ALPHABETICAL LIST OF THESES PRINTED IN 1918

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ALPHABETICAL LIST OF THESES PRINTED IN 1918

1 **Abbott, Raymond Barrington,** 1873–

Law of motion of a droplet moving with variable velocity in air . . . Lancaster, Pa., Press of the New era printing company [1918] 1 p. l., p. [381]–395.

University of California, 1919, PH. D.

"Reprinted from the Physical review, n. s., vol. XII, no. 5, November, 1918."

19–14373 QA929.A2

2 **Adamson, William Augustus,** 1883–

2, 4-dihydroxybenzoyltetrachloro-o-benzoic acid and 2, 3, 4-trichloro-6-hydroxyxanthone-1-carboxylic acid and some of their derivatives, by W. R. Orndorff and W. A. Adamson . . . [Easton, Pa., 1918] 1 p. l., p. [1235]–1257.

"A reprint of an article based upon a thesis submitted to the Faculty of the Graduate school of Cornell university for the degree of doctor of philosophy, by William Augustus Adamson, 1917."

W. R. Orndorff, instructor under whom thesis was written.

"Reprinted from the Journal of the American chemical society, vol. XL, no. 8. August, 1918."

19–8336 QD341.A2O75

3 **Adkins, Homer Burton,** 1892–

The oxidation by means of alkaline potassium permanganate of acetaldehyde glycol, glycollic aldehyde, glyoxal, glycollic and glyoxalic acids . . . Columbus, O., 1918. 32 p.

Ohio state university, 1918, PH. D.

20–27008 QD281.O9A3

4 **Alexander, Thomas,** 1887–

The Prussian elementary schools . . . New York, The Macmillan company, 1918. viii p., 1 l., 571 p.

(*Lettered on cover:* Text-book series in education)

Columbia university, 1918, PH. D.

Thesis note attached to t.-p.

18–2687 LA724.A6

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5 **Amy, Ernest Francis,** 1884–

The text of Chaucer's Legend of good women . . . Princeton, Princeton university press; [etc., etc.] 1918. ix, 109 p.

Princeton university, 1914, PH. D.

18–10198 PR1882.A5

6 **Andrews, John Bertram,** 1880–

Nationalisation (1860–1877) . . .

(*In* Commons, J. R. History of labour in the United States. New York, 1918. vol. II, pt. 5, p. 1–191)

University of Wisconsin, 1908, PH. D.

Without thesis note.

HD8066.C7 vol. II, pt. 5

7 **Armstrong, A. Joseph.**

. . . Operatic performances in England before Handel . . . Waco, Tex. [Baylor university press] 1918. 74 p.

University of Pennsylvania, 1908, PH. D.

"Baylor university bulletin [vol. XXI] no. 4."

18–22832 ML1731.2.A76

8 **Aronberg, Lester.**

. . . Note on the spectrum of the isotopes of lead. The structure of the bismuth line 4722 . . . [Chicago, 1918] 1 p. l., p. 96–103.

University of Chicago, 1917, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from the Astrophysical journal, vol. XLVII, no. 2, March, 1918."

18–11724 QC462.L4A8

9 **Artschwager, Ernst Friedrich,** 1889–

Anatomy of the potato plant, with special reference to the ontogeny of the vascular system . . . [Washington, D. C., 1918] 1 p. l., p. 221–252.

Cornell university, 1918, PH. D.

"Reprinted from Journal of agricultural research, vol. XIV, no. 6, Washington, D. C., August 5, 1918."

19–16516 QK643.P7A7

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10 **Atwell, Wayne Jason,** 1889–
The development of the hypophysis cerebri of the rabbit (*Lepus cuniculus* L.) . . . Philadelphia [1918] 1 p. l., p. 271–337.

University of Michigan, 1917, PH. D.

"Reprinted from the American journal of anatomy, vol. 24, no. 3, September, 1918."

"Author's abstract of this paper issued by the [Wistar institute] Bibliographic service, July 19."

19–2854 QL868.A7

11 **Ayres, Clarence Edwin.**
. . . The nature of the relationship between ethics and economics . . . Chicago, Ill., The University of Chicago press, 1918. 1 p. l., v–ix, 58 p.

University of Chicago, 1917, PH. D.

"Philosophic studies no. 8."

18–22529 BJ53.A82

12 **Bakke, Arthur Laurence.**
. . . Determination of wilting . . . [Chicago, 1918] 1 p. l., p. 81–116.

University of Chicago, 1917, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from the Botanical gazette, vol. LXVI, no. 2, August, 1918."

"Contributions from the Hull botanical laboratory 241."

19–221 QK873.B3

13 **Baldwin, Francis Marsh,** 1885–
Pharyngeal derivatives of *Amblystoma* . . . Philadelphia, 1918. 1 p. l., 605–680 p., 1 l.

University of Illinois, 1917, PH. D.

"Author's abstract of this paper issued by the [Wistar institute] Bibliographic service, March 2."

"Contributions from the Zoological laboratories of the University of Illinois, no. 103."

"Reprinted from the Journal of morphology, vol. 30, no. 2, March, 1918."

18–27181 QL668.C2B25

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14 **Baldwin, Thomas Whitfield,** 1890– *ed.*

An edition of Philip Massinger's Duke of Milan . . . by Thomas Whitfield Baldwin . . . Lancaster, Pa., Press of the New era printing company, 1918. ix, 197 p.

Princeton university, 1916, PH. D.

With reproduction of t.-p.: The Dvke of Millaine. A tragædie. As it hath beene often acted by his Majesties seruants, at the blacke Friers. Written by Philip Massinger gent. London, Print<t>ed by B. A. for Edward Blackmore, 1623.

19–116 PR2704.D8 1918

15 **Balz, Albert George Adam,** 1887–

Idea and essence in the philosophies of Hobbes and Spinoza . . . New York, Columbia university press, 1918. 2 p. l., 86 p., 1 l.

Columbia university, 1916, PH. D.

Published also as Archives of philosophy, no. 10.

18–8201 B3998.B32

16 **Barnes, Harry Elmer,** 1889–

A history of the penal, reformatory and correctional institutions of the state of New Jersey, analytical and documentary . . . Trenton, N. J., MacCrellish & Quigley company, 1918. 654 p., 1 l.

Columbia university, 1918, PH. D.

18–11733 HV9475.N5B3

17 **Barron, Mary Louise,** 1892–

. . . State regulation of the securities of railroads and public service companies . . . Philadelphia, 1918. 28 p.

University of Pennsylvania, 1917, PH. D.

"Reprinted from vol. LXXVI of the Annals of the American academy of political and social science."

18–11198 HE2236.B3

18 **Barrows, Albert Lloyd,** 1883–

The significance of the skeletal variations in the genus *Peridinium* . . . [Berkeley, 1918] cover-title, [397]–478, [1] p.

University of California, 1917, PH. D.

University of California publications in zoology, v. 18, no. 15, June 27, 1918, with a special thesis t.-p. dated May 1917 attached to the cover-title.

18–20526 QL368.D6B3

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19 **Bast, Victor,** 1883–
The action of calcium carbide on benzaldehyde and on some other organic compounds . . . [Washington, D. C.] Catholic university of America, 1918. 93 p.
Catholic university of America, 1918, PH. D.
20–1824 QD181.C2B3

20 **Beardslee, John Walter,** 1879–
. . . The use of φύσις in fifth-century Greek literature . . . Chicago, Ill., The University of Chicago press, 1918. v, 126 p.
University of Chicago, 1913, PH. D.
18–6672 PA427.B4

21 **Beatty, Albert James,** 1871–
A comparative study of corporation schools as to their organization, administration, and methods of instruction . . . [Urbana? 1918] 116 p.
University of Illinois, 1917, PH. D.
18–27260 T73.B4

22 **Beckerman, Harry.**
. . . I. Tungsten hexabromide. II. Tungsten complexes . . . Philadelphia, Pa., 1918. 19 p.
University of Pennsylvania, 1918, PH. D.
18–14652 QD181.W1B4

23 **Beckwith, Martha Warren,** 1871– *tr.*
The Hawaiian romance of Laieikawai with introduction and translation by Martha Warren Beckwith . . . Washington, Govt. print. off., 1918. 384 p.
Columbia university, 1918, PH. D.
Slip with thesis note mounted on t.-p.
"Translated from the Hawaiian text of S. N. Haleole (printed in Honolulu, 1863)"
"Reprinted from the Thirty-third annual report of the Bureau of American ethnology."
18–26566 PL6448.5.L3 1918

24 **Beegle, Frank Moore,** 1889–
A study of the mutarotation of glucose and fructose . . . New York, 1918. 21, [1] p.
Columbia university, 1918, PH. D.
19–16517 QD321.B4

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25 **Behre, Ellinor Helene.**

. . . An experimental study of acclimation to temperature in *Planaria dorotocephala* . . . [Lancaster, Pa., Press of the New era printing company, 1918] 1 p. l., p. 277–317.

University of Chicago, 1918, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from Biological bulletin, vol. XXXV., no. 5, November, 1918."

19–3160 QL391.T9B3

26 **Benda, Theodore.**

Mental factors in the causation, cure and prevention of disease . . . [Worcester? Mass., 1918] 90 p.

Clark university, 1917, PH. D.

19–97 BF173.B4

27 **Bichowsky, Francis Russell von.**

Equilibrium in the reaction between water and sulfur at high temperatures. The dissociation of hydrogen sulfide . . . [Easton, Pa., 1918] cover-title, p. [368]–375.

University of California, 1916, PH. D.

Thesis t.-p. attached to cover of the issue, by Merle Randall and F. Russell v. Bichowsky, which was reprinted from the Journal of the American chemical society, vol. XL, no. 2, February, 1918.

20–6557 QD501.B58

28 **Blanchard, Julian,** 1885–

The brightness sensibility of the retina . . . Lancaster, Pa., Press of the New era printing company, 1918. 1 p. l., 81–99, [1] p.

Columbia university, 1917, PH. D.

"Reprinted from the Physical review, vol. XI, no. 2, February, 1918."

"Communication no. 45 from the research laboratory of the Eastman kodak company."

18–7762 QP481.B6

29 **Blancké, Wilton Wallace.**

. . . The dramatic values in Plautus . . . [Geneva, N. Y., Press of W. F. Humphrey] 1918. 69 p.

University of Pennsylvania, 1916, PH. D.

18–22818 PA

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30 **Blechman, Nathan.**

The philosophic function of value; a study of experience showing the ultimate meaning of evolution to be the attainment of personality through culture and religion . . . Boston, R. G. Badger [c1918] 3 p. l., v–xv p., 1 l., 15–148 p.

(*Lettered on cover:* Studies in philosophy)
New York university, 1917, PH. D.
Thesis note on verso of t.-p.
18–9758 BD232.B5

31 **Blumberg, Alfred.**

Studies in immunity with special reference to complement fixation . . . Washington, D. C. [1918] cover-title, 11, [1] p.

George Washington university, 1917, PH. D.
"Reprint from the Journal of laboratory and clinical medicine, vol. III, no. 7, April, 1918."
20–5880 QR185.B5

32 **Bock, Carl William,** 1888–

The association of voluntary movements . . . [Baltimore, 1918] 1 p. l., p. 277–318, 1 l.

Ohio state university, 1917, PH. D.
"Reprinted from Psychobiology, vol. I, no. 4, January, 1918."
19–16514 BF295.B6

33 **Bonns, Walter Weidenfeld,** 1877–

. . . Etherization of tissues and its effect on enzyme activity . . . [St. Louis, 1918] cover-title, p. 225–299.

(Washington university doctoral dissertations)
Washington university, St. Louis, 1918, PH. D.
"Publications of Washington university, Saint Louis, series V, number 29."
"Reprinted from Annals of the Missouri botanical garden, November, 1918, vol. V, no. 4."
19–2852 QK896.B6

34 **Bossard, James Herbert.**

. . . The churches of Allentown; a study in statistics . . . Allentown, Pa., Jacks, the printer, 1918. 116 p.

University of Pennsylvania, 1918, PH. D.
18–15647 BR560.A35B7

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35 **Boström, Otto Henry,** 1889–

. . . Alternative readings in the Hebrew of the books of Samuel . . . Pub. by the authority of the Board of directors of Augustana college and theological seminary, Rock Island, Illinois. Rock Island, Ill., Augustana book concern, printers, 1918. 60 p.

(Augustana library publications no. 8)
Yale university, 1916, PH. D.
Withqut thesis note.
18–8964 BS1322.B7

36 **Bovard, John Freeman,** 1881–

The transmission of nervous impulses in relation to locomotion in the earthworm . . . [Berkeley, 1918] 2 pt.

University of California, 1917, PH. D.
University of California publications in zoology, v. 18, nos. 7, 8, with a special thesis t.-p. dated May, 1917, attached to the cover-title of [pt. 1]
[Pt. 2] has title: The function of the giant fibers in earthworms.
18–19474 QL391.O4B55

37 **Bowen, Ray Preston,** 1882–

The novels of Ferdinand Fabre, including an account of his life and a discussion of his position in literature . . . Boston, R. G. Badger [1918] 138 p., 1 l.

(*Half-title:* Studies in literature)
Cornell university, 1916, PH. D.
Published also without thesis note.
20–89 PQ2241.F3Z6 1918a

38 **Bowman, Howard Hiestand Minnich,** 1886–

Ecology and physiology of the red mangrove . . . Philadelphia, 1918. 1 p. l., p. [589]–673.

University of Pennsylvania, 1917, PH. D.
"Reprinted from Proceedings American philosophical society, vol. LVI, 1917."
18–3802 QK495.M28B6

39 **Boyce, Mryna M.**

The diplomatic relations of England with the Quadruple alliance 1815–1830. [Iowa City? 1918] 76 p.

University of Iowa, 1917, PH. D.
Published also as University of Iowa monographs, 1st ser., no. 22, November 1918.
19–10367 D383.B6

Digitized by Google

40 **Bradley, Harriett,** 1892–
The enclosures in England, an economic reconstruction . . . New York, 1918. 3 p. l., 9–113 p.
Columbia university, 1917, PH. D.
Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university, vol. LXXX, no. 2, whole no. 186.
18–22990 HD594.6.B83

41 **Bramble, Charles Clinton,** 1890–
A collineation group isomorphic with the group of the double tangents of the plant quartic . . . [Baltimore, 1918] 1 p. l., [351]–365 p., 1 l.
Johns Hopkins university, 1917, PH. D.
"Reprinted from American journal of mathematics, vol. XL, no. 4, October, 1918."
18–22840 QA601.B77

42 **Brandenburg, George Clinton.**
Psychological aspects of language . . . [Baltimore, 1918] cover-title, p. 313–332.
University of Wisconsin, 1915, PH. D.
Thesis note stamped on cover.
"Reprint from the Journal of educational psychology, vol. IX, no. 6, June, 1918."
20–2742 LB1139.L3B7

43 **Brann, Albert.**
. . . On the preparation of formamide . . . [Easton, Pa., 1918] cover-title, p. [793]–796.
University of Wisconsin, 1918, PH. D.
Part I of thesis.
Thesis note stamped on cover; also found in a foot-note on p. [793]
"Reprinted from the Journal of the American chemical society, vol. XL, no. 5, May, 1918."
QD305.A7B7

Brann, Albert.
. . . The effect of dissolved substances on the velocity of crystallization of water . . . [Easton, Pa., 1918] cover-title, p. [1168]–1184.
University of Wisconsin, 1918, PH. D.
Part II of thesis.
Thesis note stamped on cover; also found in a foot-note on p. [1168]
"Reprinted from the Journal of the American chemical society, vol. XL, no. 8, August, 1918."
QD305.A7B7

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Brann, Albert.

. . . The effect of dissolved substances on the velocity of crystallization of formamide . . . [Easton, Pa., 1918] cover-title, p. [1184]–1187.

University of Wisconsin, 1918, PH. D.
Part III of thesis.
Thesis note is found in a foot-note on p. [1184]
"Reprinted from the Journal of the American chemical society, vol. XL, no. 8, August, 1918."

QD305.A7B7

44 **Brede, Charles Frederic.**

. . . The German drama in English on the Philadelphia stage from 1794 to 1830 . . . Philadelphia, Americana Germanica press, 1918. 5 p. l., 3–295 p.

(*Half-title:* Americana Germanica. [no. 34])
University of Pennsylvania, 1905, PH. D.
Published also without thesis note.
18–19316 PN2277.P5B72

45 **Breitenbecher, Joseph Kumler.**

. . . The relation of water to the behavior of the potato beetle in a desert . . . [Washington, 1918] 2 p. l., p. 343–384.

University of Chicago, 1913, PH. D.
"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."
"Reprinted from Publication 263 of the Carnegie institution of Washington."
19–12709 SB945.P68B7

46 **Bridgman, J. Allington,** 1892–

Gallium . . . [Easton, Pa., 1918] 33 p.

Cornell university, 1917, PH. D.
"Reprinted from the Journal of the American chemical society, vol. XL, no. 10, October, 1918."
19–7993 QD181.G2B7

47 **Bridgman, Olga Louise,** 1886–

An experimental study of abnormal children, with special reference to the problems of dependency and delinquency . . . [Berkeley, 1918] cover-title, 59 p.

University of California, 1915, PH. D.
University of California publications in psychology, v. 3, no. 1, March 30, 1918, with a special thesis t.-p. dated May, 1915, attached to the cover-title.
18–20534 LB1121.B66

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48 **Brighton, Thomas Bow,** 1887–

The free energy of formation of cyanide ion and of hydro-cyanic acid . . . [Easton, Pa., 1918] cover-title, p. [482]–489.

University of California, 1917, PH. D.

Thesis t.-p. attached to the cover of the reprint from the Journal of the American chemical society, vol. XL, no. 3, March, 1918, which has title: The oxidizing power of cyanates and the free energy of formation of cyanides, by Gilbert N. Lewis and Thomas B. Brighton.

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University of Pennsylvania, 1913, PH. D.

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University of Iowa, 1911, PH. D.

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Clark university, 1914, PH. D.
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Published also as University of Iowa monograph. 1st ser., no. 18, July 1918. Studies in the social sciences, v. 1.
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Columbia university, 1918, PH. D.

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University of California, 1918, PH. D.

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George Washington university, 1917, PH. D.

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"A graduated scale for determining mental age" . . . [Frankfort, Ky., State journal co., 1918] 41 p.
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University of Illinois, 1917, PH. D.
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Cornell university, 1916, PH. D.
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University of California, 1916, PH. D.
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The formation of aromatic hydrocarbons from natural gas condensate . . . New York city, 1918. 37, [1] p.
Columbia university, 1918, PH. D.
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77 **Davis, Elmer Fred,** 1887–
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University of Pennsylvania, 1917, PH. D.

Published also as Supplement no. 1 to the Annals of the American academy of political and social science, May, 1918.

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University of Chicago, 1917, PH. D.

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Yale university, 1917, PH. D.

Abstract of thesis.

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Jewish education in New York city . . . New York, The Bureau of Jewish education, 1918. 2 p. l., ix p., 1 l., 559 p., 1 l.
Columbia university, 1918, PH. D.
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The measurement of low temperatures and the measurement of specific heats between 60 degrees and 300 degrees absolute . . . [Easton, Pa., 1918] cover-title, p. [489]–500.
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A bacteriologic study of the diphtheroid organisms with special reference to Hodgkin's disease . . . New York city, 1918. 56 p.
Columbia university, 1918, PH. D.
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University of Pennsylvania, 1918, PH. D.
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University of Pennsylvania, 1918, PH. D.
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A school building program for cities . . . New York city, Teachers college, Columbia university, 1918. ix, 130 p., 1 l.
Columbia university, 1918, PH. D.
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The factors controlling the distribution of the *Polynoidae* of the Pacific coast of North America . . . [Berkeley, 1918] cover-title, p. [171]–238.
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The conflict of tax laws . . . [Berkeley, 1918] cover-title, p. [115]–231.
University of California, 1916, PH. D.
University of California publications in economics, v. 4, no. 3, April 2, 1918, with a special thesis t.-p. attached to the cover-title.
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University of Illinois, 1917, PH. D.
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Massachusetts institute of technology, 1918, PH. D.

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101 **Foster, Finley Melville Kendall,** 1892–
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The decline of aristocracy in the politics of New York . . . New York, 1918. xiii, 460 p., 1 l.

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Esterification limits of benzoic and toluic acids with lower alcohols . . . Easton, Pa., Eschenbach printing co., 1918. 14 p., 1 l.

Johns Hopkins university, 1917, PH. D.
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Massachusetts institute of technology, 1918, PH. D.
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Columbia university, 1919, PH. D.

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Princeton university, 1917, PH. D.

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University of Wisconsin, 1918, PH. D.
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Princeton university, 1919, PH. D.
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Columbia university, 1918, PH. D.
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University of Chicago, 1916, PH. D.
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Yale university, 1917, PH. D.
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University of Chicago, 1917, PH. D.

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"Extracted from the Tôhoku mathematical journal, vol. 13, 1918, edited by Tsuruichi Hayashi."
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Catholic university of America, 1918, PH. D.
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University of Wisconsin, 1914, PH. D.

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University of Illinois, 1916, PH. D.

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University of Illinois, 1918, PH. D.

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University of Chicago, 1917, PH. D.

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University of Pennsylvania, 1918, PH. D.

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University of Pennsylvania, 1918, PH. D.

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Columbia university, 1918, PH. D.

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The privileges and immunities of state citizenship . . . Baltimore, 1918. vii, 9–121 p.

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Ohio state university, 1917, PH. D.
Thesis note is a foot-note on p. 5.
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University of Pennsylvania, 1918, PH. D.
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University of Virginia, 1917, PH. D.
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University of Iowa, 1917, PH. D.
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Columbia university, 1918, PH. D.
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University of Pennsylvania, 1912, PH. D.
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Columbia university, 1916, PH. D.
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Complement fixation with protein substances . . . [Baltimore, 1918] 1 p. l., 17 p.
New York university, 1916, D. SC.
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Johns Hopkins university, 1916, PH. D.
Published also as Johns Hopkins university studies in history and political science, series XXXVI, no. 4.
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Abscission of flowers and fruits in the *Solanaceae*, with special reference to *Nicotiana* . . . [Berkeley, 1918] cover-title, p. [347]–428.
University of California, 1917, PH. D.
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I. The equation of state of liquid ether. II. The technical preparation of perchloric acid from potassium perchlorate . . . [Cambridge, Mass.] Technology press, 1918. 18 p.
Massachusetts institute of technology, 1918, PH. D.
Abstract of thesis.
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Columbia university, 1917, PH. D.
Published also as University of Minnesota Studies in the social sciences no. 11.
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University of Pennsylvania, 1918, PH. D.

"Reprinted from the Psychological clinic, vol. XI, no. 8, January, 1918."

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Columbia university, 1919, PH. D.

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Equilibria involving cyanogen iodide and the free energy of cyanogen . . . [Easton, Pa., 1918] cover-title, p. [472]–478.

University of California, 1917, PH. D.

Thesis t.-p. attached to the cover of the reprint from the Journal of the American chemical society, vol. XL, no. 3, March 1918, by Gilbert N. Lewis and Donald B. Keyes.

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Studies concerning the elimination of experimental error in comparative crop tests . . . [Lincoln? 1918] 95 p.

University of Nebraska, , PH. D.

"Reprint from Nebraska agricultural experiment station Research bulletin no. 13."

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University of Chicago, 1917, PH. D.

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University of Chicago, 1911, PH. D.
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Columbia university, 1917, PH. D.
Published also without thesis note.
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Vegetation and reproduction with special reference to the tomato . . . by Ezra Jacob Kraus and Henry Reist Kraybill [Corvallis, Or., 1918] 2 p. l., 3–90 p.

University of Chicago, 1917, PH. D.
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"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."
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University of Illinois, 1917, PH. D.
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The moral and political philosophy of John Locke . . . New York, Columbia university press, 1918. viii, 168 p., 1 l.
Columbia university, 1918, PH. D.
"Reprinted from Archives of philosophy, no. 11."
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Studies on the nervus terminalis: mammals . . . [Philadelphia, 1918] 68 p.
Northwestern university, 1918, PH. D.
"Reprinted from the Journal of comparative neurology, vol. 30, no. 1, December, 1918."
"Author's abstract of this paper issued by the [Wistar institute] Bibliographic service, December 9."
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Low temperature carbonization of coal and a study of the resulting tars . . . [Urbana? 1918] 34, [2] p.
University of Illinois, 1915, PH. D.
18–17017 PT953.L3

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"Reprinted from the Romanic review, vol. VII, no. 4, 414–457, 1916; vol. VIII, no. 2, 145–165, and no. 3, 290–306, 1917."
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. . . Tidewater Maryland, an embayed coast plain . . . Philadelphia, International printing company, 1918. 64 p.
University of Pennsylvania, 1918, PH. D.
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Columbia university, 1918, PH. D.
Published also as Studies in history, economics and public law, edited by the Faculty of political science of Columbia university. vol. LXXXI, no. 1; whole no. 188.
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University of Chicago, 1915, PH. D.
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Gnomic literature in Bible and Apocrypha, with special reference to tbe gnomic fragments and their bearing on the proverb collections . . . [Philadephia? 1918] 1 p. l., 7–113 p.
University of Pennsylvania, 1910, PH. D.
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Chlorophyll inheritance in maize . . . [Ithaca, 1918] 68 p.
Cornell university, 1918, PH. D.
"Reprint from the Cornell university experiment station Memoir 13, August 1918."
"Paper no. 65, Department of plant breeding, Cornell university, Ithaca, New York."
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The fatal dowry, by Philip Massinger and Nathaniel Field, ed., from the original quarto, with introduction and notes . . . by Charles Lacy Lockert, jr. . . . Lancaster, Pa., Press of the New era printing company, 1918. iii, 167 p.
Princeton university, 1916, PH. D.
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University of Pennsylvania, 1911, PH. D.

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Columbia university, 1918, PH. D.

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Columbia university, 1917, PH. D.

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The influence of illuminating gas and its constituents on certain bacteria and fungi . . . Lancaster, Pa., Press of the New era printing company, 1918. 1 p. l., 31 p.

University of Michigan, 1917, PH. D.

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"Submitted as a doctoral dissertation at Harvard in 1914, and is now published after a thorough revision."—Pref.

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Archbishop Purcell and the archdiocese of Cincinnati, a study based on original sources . . . Washington, D. C., 1918. 108 p.
Catholic university of America, 1918, PH. D.
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"From the Sheffield laboratory of physiological chemistry, Yale university, New Haven."
"Reprinted from the Journal of biological chemistry, vol. XXXV, no. 2, August, 1918."
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Ohio state university, 1918, PH. D
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Cornell university, 1917, PH. D.
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Slavery in Kentucky, 1792–1865 . . . [Lancaster, Pa., Press of the New era printing company, 1918] 2 p. l., 125 p.
Clark university, 1918, PH. D.
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"Reprinted from the Journal of the American chemical society, September, 1918."

21–638 QD341.A2Y7

359 **Young, Vive Hall.**

Some factors affecting inulase formation in *Aspergillus niger* . . . [Baltimore, 1918] cover-title, p. 75–87, 114–133.

University of Wisconsin, 1916, PH. D.

Thesis note stamped on cover.

"Reprinted from the Plant world, vol. 21, nos. 4 and 5, April and May, 1918."

20–1825 QK896.Y6

360 **Zeydel, Edwin Hermann,** 1893–

The Holy Roman empire in German literature . . . New York, Columbia university press, 1918. ix, 144 p.

(*Half-title:* Columbia university Germanic studies)

Columbia university, 1918, PH. D.

Published also without thesis note.

19–10387 PT134.H7Z4 1918a

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SECTION II

CLASSIFIED LISTS OF THE THESES OF 1918, ARRANGED UNDER THE BROAD CLASSES OF THE LIBRARY OF CONGRESS SCHEME

The 13 titles supplementary to the lists of 1914, 1916, and 1917 are included

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CLASSIFIED LISTS OF THE THESES OF 1918, ARRANGED UNDER THE BROAD CLASSES OF THE LIBRARY OF CONGRESS SCHEME

The 13 titles supplementary to the lists of 1914, 1916, and 1917 are included.

Entries are given in same form as in Section I; titles are repeated if theses treat of more than one subject and the subjects belong to different classes.

A somewhat minute subject index can be found in Section III following.

Philosophy, Religion

(Class B)

Ayres, Clarence Edwin.

. . . The nature of the relationship between ethics and economics . . . Chicago, Ill., The University of Chicago press, 1918. 1 p. l., v–ix, 58 p.

University of Chicago, 1917, PH. D.
"Philosophic studies no. 8."

Balz, Albert George Adam, 1887–

Idea and essence in the philosophies of Hobbes and Spinoza . . . New York, Columbia university press, 1918. 2 p. l., 86 p., 1 l.

Columbia university, 1916, PH. D.
Published also as Archives of philosophy, no. 10.

Beardslee, John Walter, 1879–

. . . The use of φύσις in fifth-century Greek literature . . . Chicago, Ill., The University of Chicago press, 1918. v, 126 p.

University of Chicago, 1913, PH. D.

Benda, Theodore.

Mental factors in the causation, cure and prevention of disease . . . [Worcester? Mass., 1918] 90 p.

Clark university, 1917, PH. D.

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Blechman, Nathan.

The philosophic function of value; a study of experience showing the ultimate meaning of evolution to be the attainment of personality through culture and religion. Boston, R. G. Badger [c1918] 3 p. l., v–xv p., 1 l., 15–148 p.

(*Lettered on cover:* Studies in philosophy)
New York university, 1917, PH. D.
Thesis note on verso of t.-p.

Bock, Carl William, 1888–

The association of voluntary movements . . . [Baltimore, 1918] 1 p. l., p. 277–318, 1 l.

Ohio state university, 1917, PH. D.
"Reprinted from Psychobiology, vol. I, no. 4, January, 1918."

Bossard, James Herbert.

. . . The churches of Allentown; a study in statistics . . . Allentown, Pa., Jacks, the printer, 1918. 116 p.

University of Pennsylvania, 1918, PH. D.

Boström, Otto Henry, 1889–

. . . Alternative readings in the Hebrew of the books of Samuel . . . Pub. by the authority of the Board of directors of Augustana college and theological seminary, Rock Island, Illinois. Rock Island, Ill., Augustana book concern, printers, 1918. 60 p.

(Augustana library publications no. 8)
Yale university, 1916, PH. D.
Without thesis note.

Brandenburg, George Clinton.

Psychological aspects of language . . . [Baltimore, 1918] cover-title, p. 313–332.

University of Wisconsin, 1915, PH. D.
Thesis note stamped on cover.
"Reprint from the Journal of educational psychology, vol. IX, no. 6, June, 1918."

Bridgman, Olga Louise, 1886–

An experimental study of abnormal children, with special reference to the problems of dependency and delinquency . . . [Berkeley, 1918] cover-title, 59 p.

University of California, 1915, PH. D.
University of California publications in psychology, v. 3, no. 1, March 30, 1918, with a special thesis t.-p. dated May, 1915, attached to the cover-title.

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Brockbank, Thomas William.

Redintegration in the albino rat, a study in retention . . . Washington, D. C., 1918. 2 p. l., 66 p.

Catholic university of America, 1918, PH. D.

Published also as Behavior monographs, v. 4, no. 2, serial no. 18.

Burchett, Bessie Rebecca.

. . . Janus in Roman life and cult, a study in Roman religions . . . Menasha, Wis., George Banta publishing company, 1918. 4 p. l., 75 p.

University of Pennsylvania, 1913, PH. D.

Campbell, Ivy Gertrude.

Manaism; a study in the psychology of religion . . . [Worcester, 1918] 1 p. l., 49 p.

Clark university, 1914, PH. D.

"Reprinted from the American journal of psychology, January, 1918, vol. XXIX."

Clark, Helen, 1890–

Visual imagery and attention: an analytical study . . . [Worcester, Mass., 1916] 2 p. l., p. [461]–492, 1 l.

University of Illinois, 1916, PH. D.

With a t.-p. and Contents [1918?] prefixed.

"Reprinted from the American journal of psychology, October, 1916, vol. XXVII."

Cornell, Clare Brown.

"A graduated scale for determining mental age" . . . [Frankfort, Ky., State journal co., 1918] 41 p.

University of Nebraska, 1915, PH. D.

Dodson, John Dillingham.

An experimental study of the relative values of reward and punishment in habit formation . . . [Baltimore, 1917] cover-title, p. 231–276.

University of Minnesota, 1918, PH. D.

"Reprinted from Psychobiology, vol. 1, no. 3, November, 1917."

Fortune, Alonzo Willard.

. . . The conception of authority in the Pauline writings . . . Chicago, Ill., 1918. 2 p. l., 183 p.

University of Chicago, 1915, PH. D.

"Private edition distributed by the University of Chicago libraries."

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Fukuya, Shoan Masuzo.

. . . An experimental study of attention from the standpoint of mental efficiency: a contribution to educational and social problems . . . [Princeton, Princeton university press, 1918] 3 p. l., 42 p.

University of Chicago, 1917, PH. D.

"Private edition distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from the Psychological monographs, vol. XXV, whole no. 110, 1918."

Garth, Thomas Russell, 1872–

Mental fatigue during continuous exercise of a single function . . . [New York] 1918. ix, 85 p., 1 l.

Columbia university, 1918, PH. D.

Published also as Columbia university contributions to philosophy and psychology, vol. XXVI, no. 2 (Archives of psychology, no. 41)

Goudge, Mabel Ensworth, 1885–

A qualitative and quantitative study of Weber's illusion . . . [Worcester, Mass., 1918] 1 p. l., p. 81–119.

Cornell university, 1914, PH. D.

"Reprinted from the American journal of psychology, January, 1918, vol. XXIX."

Hamilton, Arthur, 1886–

Sources of the religious element in Flaubert's Salammbô . . . Baltimore, The Johns Hopkins press, 1918. 1 p. l., 32 p., 1 l.

Johns Hopkins university, 1914, PH. D.

"An incomplete reprint from the Elliott monographs, no. 4."

Heider, Andrew Bernard, 1880–

The blessed Virgin Mary in early Christian Latin poetry . . . Washington, D. C., 1918. 79, [1] p.

Catholic university of America, 1918, PH. D.

Hewitt, Theodore Brown.

Paul Gerhardt as a hymn writer and his influence on English hymnody . . . New Haven, Yale university press; [etc., etc.] 1918. xiv p., 1 l., 169 p.

"Presented to the Faculty of the Graduate school of Yale university in candidacy for the degree of doctor of philosophy in June, 1917."—Pref.

Digitized by Google

Higby, Chester Penn, 1885–

The religious policy of the Bavarian government during the Napoleonic period . . . New York, 1918. 1 p. l., 5–347 p.

Columbia university, 1919, PH. D.

Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university, vol. LXXXV, no. 1, whole no. 196.

Hoashi, Riichiro.

. . . The problem of omnipotence in current theology . . . Chicago, Ill., 1918. 2 p. l., 113 p.

University of Chicago, 1917, PH. D.

"Private edition, distributed by the University of Chicago libraries."

Hotz, Henry Gustave, 1880–

First year algebra scales . . . New York city, Teachers college, Columbia university, 1918. 3 p. l., 87, [1] p.

Columbia university, 1918. PH. D.

Ide, Gladys Genevra.

. . . The Witmer formboard and cylinders as tests for children two to six years of age . . . Philadelphia, Pa., The Psychological clinic press, 1918. 2 p. l., 24 p.

University of Pennsylvania, 1918, PH. D.

"Reprinted from the Psychological clinic, vol. XII, no. 3, May 15, 1918."

Kahn, Lina, 1887–

Metaphysics of the supernatural as illustrated by Descartes . . . New York, Columbia university press, 1918. viii, 65, [1] p., 1 l.

Columbia university, 1916, PH. D.

Published also as Archives of philosophy, no. 9.

Kelly, Caleb Guyer, 1887–

French Protestantism, 1559–1562 . . . Baltimore, 1918. viii, 9–186 p.

Johns Hopkins university, 1916, PH. D.

Published also as Johns Hopkins university studies in history and political science, series XXXVI, no. 4.

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Kephart, Adam Perry, 1883–

. . . Clinical studies of failures with the Witmer form-board . . . Philadelphia, The Psychological clinic press, 1918. 1 p. l., p. 229–253.

University of Pennsylvania, 1918, PH. D.

"Reprinted from the Psychological clinic, vol. XI, no. 8, January, 1918."

Lamprecht, Sterling Power, 1890–

The moral and political philosophy of John Locke . . . New York, Columbia university press, 1918. viii, 168 p., 1 l.

Columbia university, 1918, PH. D.

"Reprinted from Archives of philosophy, no. 11."

Levi, Gerson Benedict.

Gnomic literature in Bible and Apocrypha, with special reference to the gnomic fragments and their bearing on the proverb collections . . . [Philadelphia? 1918] 1 p. l., 7–113 p.

University of Pennsylvania, 1910, PH. D.

McCann, Mary Agnes, *sister*, 1851–

Archbishop Purcell and the archdiocese of Cincinnati, a study based on original sources . . . Washington, D. C., 1918. 108 p.

Catholic university of America, 1918, PH. D.

Mateer, Florence.

Child behavior; a critical and experimental study of young children by the method of conditioned reflexes . . . Boston, R. G. Badger [1918] 2 p. l., 7–239 p.

Clark university, 1916, PH. D.

Published also without thesis note.

Mayer, Eli, 1880–

. . . War and religion; a sociological study . . . Philadelphia, Pa., 1918. 100 p.

University of Pennsylvania, 1918, PH. D.

Messer, William Stuart, 1882–

The dream in Homer and Greek tragedy . . . New York, Columbia university press, 1918. viii p., 1 l., 105, [1] p.

(*Half-title:* Columbia university studies in classical philology)

Columbia university, 1918, PH. D.

Published also without thesis note.

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Paschal, Franklin Cressey, 1890–

. . . The Witmer cylinder test . . . Hershey, Pa., The Hershey press, 1918. 54 p.

University of Pennsylvania, 1918, PH. D.

Peters, Charles Clinton, 1887–

. . . Selection and organization of materials for a course in "the control of conduct" for secondary schools . . . Spring City, Pa., The Interborough press [1918] 120 p.

University of Pennsylvania, 1916, PH. D.

Ridgley, Frank Harris.

Jewish ethical idealism . . . Boston, The Gorham press, 1918. 97 p.

University of Pennsylvania, 1916, PH. D.

Published also without thesis note in the Library of religious thought.

Roesch, *Sister* **Mary Jeanette,** 1884–

Vocational preparation of youth in Catholic schools . . . Washington, D. C., 1918. 73 p.

Catholic university of America, 1918, PH. D.

Rogers, Agnes Low, 1884–

Experimental tests of mathematical ability and their prognostic value . . . New York city, Teachers college, Columbia university, 1918. v, 118 p., 1 l.

Columbia university, 1917, PH. D.

Published also as Teachers college, Columbia university. Contributions to education, no. 89.

Sabin, Ethel Ernestine, 1887–

William James and pragmatism . . . Lancaster, Pa., Press of the New era printing company [1918] v, 29, [1] p.

University of Illinois, 1916, PH. D.

Chapter I reprinted from the Journal of philosophy, psychology, and scientific methods. vol. XV, no. 12, June 6, 1918.

Schuetz, John Joseph, 1874–

The origin of the teaching brotherhoods . . . Washington, D. C., 1918. 104 p.

Catholic university of America, 1918, PH. D.

Digitized by Google

Slaten, Arthur Wakefield.

. . . Qualitative nouns in the Pauline Epistles and their translation in the revised version . . . Chicago, Ill., The University of Chicago press, 1918. 1 p. l., v–vii, 70 p.

University of Chicago, 1916, PH. D.
"Historical and linguistic studies, second series, vol. IV, part I."

Smith, Frederick Madison, 1874–

The higher powers of man . . . Lamoni, Ia., Printed by the Herald publishing house, 1918. 232 p.

Clark university, 1916, PH. D.
Published also without thesis note.

Snell, Ada Laura Fonda, 1871–

. . . Pause; a study of its nature and its rhythmical function in verse, especially blank verse . . . Ann Arbor [The Ann Arbor press] 1918. 2 p. l., 85, [1] p.

(Contributions to rhetorical theory, ed. by F. N. Scott . . . VIII)
University of Michigan, 1916, PH. D.

Stauffer, Vernon, 1875–

New England and the Bavarian Illuminati . . . New York, 1918. 375 p.

Columbia university, 1918, PH. D.
Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university, vol. LXXXII, no. 1, whole no. 191.

Stuart, Henry Waldgrave, 1871–

. . . Valuation as a logical process . . . [Chicago, 1918] 1 p. l., p. 227–340.

University of Chicago, 1900, PH. D.
"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."
"Reprinted from Studies in logical theory, by John Dewey."

Taylor, John Prentice.

The mythology of Vergil's Aeneid according to Servius . . . [New York, 1918] 4 p. l., 62 p.

New York university, 1917, PH. D.

Tucker, Robert Leonard, 1890–

The separation of the Methodists from the Church of England . . . New York city, Printed by the Methodist book concern, 1918. 184 p., 1 l.

Columbia university, 1918, PH. D.

Digitized by Google

Wardle, Addie Grace.

. . . History of the Sunday school movement in the Methodist Episcopal church . . . New York, Cincinnati, The Methodist book concern, 1918. 232 p.

University of Chicago, 1915, PH. D.
Published also without thesis note.

Watson, Arthur Clinton.

. . . The logic of religion . . . [Chicago, 1918] iii, 99 p.

University of Chicago, 1915, PH. D.
"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."
"Reprinted from the American journal of theology, vol. XX, nos. 1, 2, January, April, 1916; vol. XXII, nos. 2, 3, 4, April, July, October, 1918."

Wearing, Thomas.

. . . The world-view of the fourth Gospel, a genetic study . . . Chicago, Ill., The University of Chicago press, 1918. 2 p. l., 74 p.

University of Chicago, 1917, PH. D.

Yerkes, Royden Keith.

. . . The Lucianic version of the Old Testament as illustrated from Jeremiah 1–3 . . . [Middletown, Conn., 1918] 1 p. l., p. [163]–192.

University of Pennsylvania, 1918, PH. D.
"Reprinted from the Journal of Biblical literature XXXVII (1918), III–IV."

History

(except American)

(Class D)

Boyce, Myrna M.

The diplomatic relations of England with the Quadruple alliance 1815–1830 . . . [Iowa City? 1918] 76 p.

University of Iowa, 1917, PH. D.
Published also as University of Iowa monographs, 1st ser., no. 22. November 1918.

Bradley, Harriett, 1892–

The enclosures in England, an economic reconstruction . . . New York, 1918. 3 p. l., 9–113 p.

Columbia university, 1917, PH. D.
Published also as Studies in history, economics, and public law, ed. by the Faculty of political science of Columbia university, vol. LXXX, no. 2, whole no. 186.

Digitized by Google

Fundenburg, George Baer, 1893–

Feudal France in the French epic, a study of feudal French institutions in history and poetry . . . Princeton, N. J., 1918. 4 p. l., 121 p.

Columbia university, 1919, PH. D.

Greenfield, Kent Roberts, 1893–

Sumptuary law in Nürnberg; a study in paternal government . . . Baltimore, 1918. v, 7–140 p.

Johns Hopkins university, 1915, PH. D.

Published also as Johns Hopkins university studies in historical and political science. ser. XXXVI, no. 2.

Higby, Chester Penn, 1885–

The religious policy of the Bavarian government during the Napoleonic period . . . New York, 1918. 1 p. l., 5–347 p.

Columbia university, 1919, PH. D.

Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university, vol. LXXXV, no. 1, whole no. 196.

Jones, Paul Van Brunt.

. . . The household of a Tudor nobleman . . . Cedar Rapids, Ia., The Torch press, 1918. 5 p. l., 9–277 p.

University of Pennsylvania, 1912, PH. D.

"Reprinted from the University of Illinois studies in social sciences, volume VI, number 4."

Koller, Armin Hajman.

. . . The theory of environment, an outline of the history of the idea of milieu, and its present status. pt. I . . . Menasha, Wis., George Banta publishing company, 1918. 6 p. l., 104 p.

University of Chicago, 1911, PH. D.

Published also without thesis note.

Kraeling, Emil Gottlieb Heinrich, 1892–

. . . Aram and Israel; or, The Aramaeans in Syria and Mesopotamia . . . New York, Columbia university press, 1918. xvi, 155 p., 1 l.

(Columbia university oriental studies, vol. XIII)

Columbia university, 1917, PH. D.

Published also without thesis note.

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Le Duc, Alma de Lande, 1878–

Gontier Col and the French pre-renaissance . . . New York, 1918. vii, 103, [1] p.

Columbia university, 1916, PH. D.

"Reprinted from the Romanic review, vol. VII, no. 4, 414–457, 1916; vol. VIII, no. 2, 145–165, and no. 3, 290–306, 1917."

Leffingwell, Georgia Williams, 1893–

Social and private life at Rome in the time of Plautus and Terence . . . New York, 1918. 2 p. l., 7–141 p.

Columbia university, 1918, PH. D.

Published also as Studies in history, economics, and public law, edited by the Faculty of political science of Columbia university. vol. LXXXI, no. 1; whole no. 188.

Mayer, Eli, 1880–

. . . War and religion; a sociological study . . . Philadelphia, Pa., 1918. 100 p.

University of Pennsylvania, 1918, PH. D.

Zeydel, Edwin Hermann, 1893–

The Holy Roman empire in German literature . . . New York, Columbia university press, 1918. ix, 144 p.

(*Half-title:* Columbia university Germanic studies)

Columbia university, 1918, PH. D.

Published also without thesis note.

America

(Classes E–F)

Coulter, Ellis Merton, 1890–

Effects of secession upon the commerce of the Mississippi Valley . . . [Cedar Rapids, 1916] cover-title, 1 p. l., p. [275]–300.

University of Wisconsin, 1917, PH. D.

Thesis note stamped on cover.

"Reprinted from the Mississippi Valley historical review, vol. III, no. 3, Dec. 1916."

Davidson, Gordon Charles, 1884–

The North West company . . . [Berkeley, 1918] cover-title, xi, 349 p.

University of California, 1916, PH. D.

University of California publications in history, vol. VII, with a special thesis t.-p., dated 1916, attached to the cover-title.

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Ellinger, Esther Parker.

The southern war poetry of the civil war . . . Philadelphia, Pa. [Hershey, Pa., The Hershey press] 1918. 192 p.

University of Pennsylvania, 1918, PH. D.

Fox, Dixon Ryan, 1887–

The decline of aristocracy in the politics of New York . . . New York, 1918. xiii, 460 p., 1 l.

Columbia university, 1917, PH. D.

Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university, vol. LXXXVI, whole no. 198.

Garrett, Mitchell Bennett, 1881–

The French colonial question 1789–1791; dealings of the Constituent assembly with problems arising from the revolution in the West Indies . . . Ann Arbor, Mich., G. Wahr [1918] iv, p., 1 l., 167 p.

Cornell university, 1910, PH. D.

Published in 1916 without thesis note.

Hamer, Philip May.

. . . The secession movement in South Carolina, 1847–1852 . . . Allentown, Pa., H. R. Haas & co., 1918. v, 152 p.

University of Pennsylvania, 1918, PH. D.

Hollingsworth, William Wiley.

. . . Woodrow Wilson's political ideals as interpreted from his works . . . Princeton, Princeton university press, 1918. vi, 53 p.

University of Pennsylvania, 1918, PH. D.

Johnson, Franklin, 1875–

The development of state legislation concerning the free negro . . . New York, 1918. vi, 207, [1] p.

Columbia university, 1918, PH. D.

Published in 1919 without thesis note.

Lefferts, Walter, 1875–

. . . Tidewater Maryland, an embayed coast plain . . . Philadelphia, International printing company, 1918. 64 p.

University of Pennsylvania, 1918, PH. D.

Digitized by Google

Lonn, Ella.

. . . Reconstruction in Louisiana after 1868 . . . New York and London, G. P. Putnam's sons, 1918. 1 p. l., 95 p.

University of Pennsylvania, 1911, PH. D.

Comprises the first four chapters of a much larger work which was published without thesis note but with the same title.

Lowrey, Lawrence Tyndale, 1888–

Northern opinion of approaching secession, October, 1859–November, 1860 . . . Northampton, Mass., 1918. 2 p. l., p. [191]–258.

Columbia university, 1917, PH. D.

McDougle, Ivan Eugene.

Slavery in Kentucky, 1792–1865 . . . [Lancaster, Pa., Press of the New era printing company, 1918] 2 p. l., 125 p.

Clark university, 1918, PH. D.

"Reprinted from the Journal of negro history, vol. III, no. 3, July, 1918."

Martin, Asa Earl, 1885–

The anti-slavery movement in Kentucky prior to 1850 . . . Louisville? Ky., 1918] 165 p.

Cornell university, 1915, PH. D.

Published also as Filson club publication no. 29.

Munro, Dana Gardner.

. . . The five republics of Central America; their political and economic development and their relations with the United States . . . New York [etc.] Oxford university press, 1918. viii p., 1 l., 332 p.

University of Pennsylvania, 1917, PH. D.

Published also by the Carnegie endowment for international peace, Division of economics and history.

Musser, John.

. . . The establishment of Maximilian's empire in Mexico . . . Menasha, Wis., George Banta publishing company, 1918. 2 p. l., 100 p.

University of Pennsylvania, 1912, PH. D.

Noble, Stuart Grayson, 1886–

Forty years of the public schools in Mississippi, with special reference to the education of the negro . . . New York city,

Digitized by Google

Teachers college, Columbia university, 1918. iv p., 1 l., 142 p., 1 l.

Columbia university, 1918, PH. D.

Published also as Contributions to education, Teachers college, Columbia university, no. 94.

Parkins, Almon Ernest.

. . . The historical geography of Detroit . . . Chicago, Ill., 1918. xix, 356 p.

University of Chicago, 1914, PH. D.

"A private edition distributed by the University of Chicago libraries."

"University series, III. The Michigan historical commission, Lansing, Michigan."

Purcell, Richard Joseph.

Connecticut in transition, 1775–1818 . . . Washington, American historical association; [etc., etc.] 1918. x, 471 p.

Yale university, 1916, PH. D.

Without thesis note.

"To this essay was awarded the Justin Winsor prize in American history for 1916."

Putnam, James William.

. . . The Illinois and Michigan canal; a study in economic history . . . Illinois centennial publication. Chicago, The University of Chicago press, 1918. xiii, 213 p.

(Chicago historical society's collection, vol. X)

University of Wisconsin, 1909, PH. D.

Thesis note stamped on t.-p.

Reuter, Edward Byron.

. . . The mulatto in the United States, including a study of the rôle of mixed-blood races throughout the world . . . Boston, R. G. Badger, 1918. 1 p. l., 5-417 p.

University of Chicago, 1919, PH. D.

Published also without thesis note.

Stauffer, Vernon, 1875–

New England and the Bavarian Illuminati . . . New York, 1918. 375 p.

Columbia university, 1918, PH. D.

Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university, vol. LXXXII, no. 1, whole no. 191.

Digitized by Google

Visher, Stephen Sargent.

. . . The geography of South Dakota . . . [Vermillion, S. D., 1918] 4 p. l., [7]–189 p.

University of Chicago, 1914, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from South Dakota state Geological survey, Bulletin no. 8, July, 1918."

Geography, Anthropology

(Class G)

Campbell, Ivy Gertrude.

Manaism; a study in the psychology of religion . . . [Worcester, 1918] 1 p. l., 49 p.

Clark university, 1914, PH. D.

"Reprinted from the American journal of psychology, January, 1918, vol. XXIX."

Koller, Armin Hajman.

. . . The theory of environment, an outline of the history of the idea of milieu, and its present status. pt. I . . . Menasha, Wis., George Banta publishing company, 1918. 6 p. l., 104 p.

University of Chicago, 1911, PH. D.

Published also without thesis note.

Parkins, Almon Ernest.

. . . The historical geography of Detroit . . . Chicago, Ill., 1918. xix, 356 p.

University of Chicago, 1914, PH. D.

"A private edition distributed by the University of Chicago libraries."

"University series, III. The Michigan historical commission, Lansing, Michigan."

Reuter, Edward Byron.

. . . The mulatto in the United States, including a study of the rôle of mixed-blood races throughout the world . . . Boston, R. G. Badger, 1918. 1 p. l., 5–417 p.

University of Chicago, 1919, PH. D.

Published also without thesis note.

Digitized by Google

Visher, Stephen Sargent.

. . . The geography of South Dakota . . . [Vermillion, S. D., 1918] 4 p. l., [7]–189 p.

University of Chicago, 1914, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from South Dakota state Geological survey, Bulletin no. 8, July, 1918."

Social Sciences

(Class H)

Andrews, John Bertram, 1880–

Nationalisation (1860–1877) . . .

(*In* Commons, J. R. History of labour in the United States. New York, 1918. vol. II, pt. 5, p. 1–191)

University of Wisconsin, 1908, PH. D.

Without thesis note.

Ayers, Clarence Edwin.

. . . The nature of the relationship between ethics and economics . . . Chicago, Ill., The University of Chicago press, 1918. 1 p. l., v–ix, 58 p.

University of Chicago, 1917, PH. D.

"Philosophic studies no. 8."

Barnes, Harry Elmer, 1889–

A history of the penal, reformatory and correctional institutions of the state of New Jersey, analytical and documentary . . . Trenton, N. J., MacCrellish & Quigley company, 1918. 654 p., 1 l.

Columbia university, 1918, PH. D.

Barron, Mary Louise, 1892–

. . . State regulation of the securities of railroads and public service companies . . . Philadelphia, 1918. 28 p.

University of Pennsylvania, 1917, PH. D.

"Reprinted from vol. LXXVI of the Annals of the American academy of political and social science."

Digitized by Google

Bradley, Harriett, 1892–

The enclosures in England, an economic reconstruction . . . New York, 1918. 3 p. l., 9–113 p.

Columbia university, 1917, PH. D.

Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university, vol. LXXX, no. 2, whole no. 186.

Cotterill, Robert Spencer, 1884–

Southern railroads and western trade, 1840–1850.

(*In* Mississippi Valley historical review. Cedar Rapids, Ia., 1917. vol. III, no. 4, p. [427]–441)

University of Wisconsin, 1919, PH. D.

Part I of thesis.

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Cotterill, Robert Spencer, 1884–

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(*In* Tennessee historical magazine. Nashville, 1918. vol. 4, no. 2, p. [83]–94)

University of Wisconsin, 1919, PH. D.

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University of Wisconsin, 1919, PH. D.

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Coulter, Ellis Merton, 1890–

Effects of secession upon the commerce of the Mississippi Valley . . . [Cedar Rapids, 1916] cover-title, 1 p. l., p. [275]–300.

University of Wisconsin, 1917, PH. D.

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The North West company . . . [Berkeley, 1918] cover-title, xi, 349 p.

University of California, 1916, PH. D.

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Estcourt, Rowland Metzner, 1855—

The conflict of tax laws . . . [Berkeley, 1918] cover-title, p. [115]–231.

University of California, 1916, PH. D.

University of California, publications in economics, v. 4, no. 3, April 2, 1918, with a special thesis t.-p. attached to the cover-title.

Ferguson, Maxwell, 1888–

State regulation of railroads in the South . . . New York, 1916. 2 p. l., 7–230 p.

Columbia university, , PH. D.

Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university. v. 67, no. 2; whole no. 162.

Florence, Philip Sargant, 1890–

Use of factory statistics in the investigation of industrial fatigue, a manual for field research . . . New York, 1918. 156 p.

Columbia university, 1918, PH. D.

Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university. vol. LXXXI, no. 3; whole no. 190.

Gallaher, Ruth Augusta, 1882–

Legal and political status of women in Iowa, an historical account of the rights of women in Iowa from 1838 to 1918 . . . Iowa City, Ia., 1918. xii, 300 p.

University of Iowa, 1918, PH. D.

Gowin, Enoch Burton, 1883–

The selection and training of the business executive . . . New York, The Macmillan company, 1918. xii p., 1 l., 225 p.

Columbia university, 1918, PH. D.

Greenfield, Kent Roberts, 1893–

Sumptuary law in Nürnberg; a study in paternal government . . . Baltimore, 1918. v, 7–140 p.

Johns Hopkins university, 1915, PH. D.

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Hale, Robert Lee, 1884–

Valuation and rate-making; the conflicting theories of the Wisconsin railroad commission, 1905–1917, with a chapter on the uncertainty of the United States Supreme court decisions, and a concluding chapter on the need of a revised principle of utility valuation . . . New York, 1918. 1 p. l., 5–157 p.

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Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university, vol. LXXX, no. 1, whole no. 185.

Haring, Clarence Henry.

Trade and navigation between Spain and the Indies in the time of the Hapsburgs . . . Cambridge, Harvard university press; [etc., etc.] 1918. xxviii, 371, [1] p.

(*Half-title:* Harvard economic studies . . . vol. XIX)

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Hayward, Percy Roy.

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University of Pennsylvania, 1918, PH. D.

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Huang, Han Liang, 1893–

The land tax in China . . . New York, 1918. 2 p. l., 7–181 p.

Columbia university, 1918, PH. D.

Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university. vol. LXXX, no. 3; whole no. 187.

Keddy, John Lewis, 1891–

The New York state legislative budget for 1917 . . . [New York, 1917] 2 p. l., iii–x, 141 p.

Columbia university, 1919, PH. D.

Published also as Municipal research, issued by the Bureau of municipal research, no. 86, June, 1917.

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Columbia university, 1919, PH. D.

Koller, Armin Hajman.

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University of Chicago, 1911, PH. D.
Published also without thesis note.

Lefferts, Walter, 1875–

. . . Tidewater Maryland, an embayed coast plain . . . Philadelphia, International printing company, 1918. 64 p.

University of Pennsylvania, 1918, PH. D.

Lowe, Boutelle Ellsworth, 1890–

International aspects of the labor problem . . . N[ew] Y[ork] W. D. Gray [1918] 2 p. l., 3–128 p., 1 l.

Columbia university, 1918, PH. D.

Lutz, Harley Leist, 1882–

The state tax commission; a study of the development and results of state control over the assessment of property for taxation . . . Awarded the David A. Wells prize for the year 1915–16, and pub. from the income of the David A. Wells fund. Cambridge, Harvard university press; [etc., etc.] 1918. ix, 673, [1] p.

(*Half-title:* Harvard economic studies . . . vol. XVII)
"Submitted as a doctoral dissertation at Harvard in 1914, and is now published, after a thorough revision."—Pref.

Marvin, Donald Mitchell.

. . . Occupational propinquity as a factor in marriage selection . . . [Philadelphia?] 1918. 22 p.

University of Pennsylvania, 1918, PH. D.

Mayer, Eli, 1880–

. . . War and religion; a sociological study . . . Philadelphia, Pa., 1918. 100 p.

University of Pennsylvania, 1918, PH. D.

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Morimoto, Kokichi, 1879–

The standard of living in Japan . . . Baltimore, 1918. vii, 9–147 p., 1 l.

Johns Hopkins university, 1916, PH. D.

Published also as Johns Hopkins university studies in historical and political science . . . ser. XXXVI, no. 1.

Munro, Dana Gardner.

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University of Pennsylvania, 1917, PH. D.

Published also by the Carnegie endowment for international peace, Division of economics and history.

Noel, Francis Regis, 1891–

A history of the bankruptcy clause of the Constitution of the United States of America . . . [Gettysburg, Gettysburg compiler print, 1918] 210 p.

Catholic university of America, 1918, PH. D.

Northcott, Clarence Hunter, 1880–

Australian social development . . . New York, 1918. 2 p. l., 7–303 p., 1 l.

Columbia university, 1918, PH. D.

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Nourse, Edwin Griswold, 1883–

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(*Half-title:* Hart, Schaffner & Marx prize essays. XXV)

University of Chicago, 1915, PH. D.

Published also without thesis note.

Paterson, Robert Gildersleeve.

. . . Wage payment legislation in the United States . . . [Washington, D. C.] 1918. 186 p.

University of Pennsylvania, 1909, PH. D.

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History of economic legislation in Iowa . . . Iowa City, Ia., 1918. vi p., 1 l., 386 p.

University of Iowa, 1917, PH. D.

Published also in Iowa economic history series.

Powell, Fred Wilbur, 1881–

The recent movement for state budget reform: 1911–1917 . . . [New York, 1918] 2 p. l., iii–ix, 157 p.

Columbia university, 1918, PH. D.

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Putnam, James William.

. . . The Illinois and Michigan canal; a study in economic history . . . Illinois centennial publication. Chicago, The University of Chicago press, 1918. xiii, 213 p.

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University of Wisconsin, 1909, PH. D.

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Quigley, Harold Scott.

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(Bulletin of the University of Wisconsin, no. 918. Economics and political science series, v. 9, no. 2)

University of Wisconsin, 1916, PH. D.

Stauffer, Vernon, 1875–

New England and the Bavarian Illuminati . . . New York, 1918. 375 p.

Columbia university, 1918, PH. D.

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Stockett, Joseph Noble, 1889–1916.

The arbitral determination of railway wages . . . Boston and New York, Houghton Mifflin company, 1918. xxv, 198, [2] p.

(*Half-title:* Hart, Schaffner & Marx prize essays. XXVI)
Johns Hopkins university, 1916, PH. D.
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Stowell, Charles Jacob, 1883–

The Journeymen tailors' union of America . . . [Urbana, 1918] 143, [1] p.

University of Illinois, 1917, PH. D.
"Reprinted from the University of Illinois studies in the social sciences, vol. VII, number 4, page 429, without changes in the text."

Stuart, Henry Waldgrave, 1871–

. . . Valuation as a logical process . . . [Chicago, 1918] 1 p. l., p. 227–340.

University of Chicago, 1906, PH. D.
"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."
"Reprinted from Studies in logical theory, by John Dewey."

Sumner, Helen Laura, 1876–

Citizenship (1827–1833) . . .

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Tai, En-Sai, 1894–

Treaty ports in China (a study in diplomacy) . . . New York city [University printing office, Columbia university] 1918. x, 202 p., 1 l.

Columbia university, 1918, PH. D.
Published also without thesis note.

Thurston, Henry Winfred, 1861–

Delinquency and spare time, a study of a few stories written into the court records of the city of Cleveland . . . New York, 1918. 207 p.

Columbia university, 1918, PH. D.
Published also as Cleveland foundation. Publications no. 27.

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Wang, Ching Chun, 1883–

. . . Legislative regulation of railway finance in England . . . Urbana, 1918. 3 p. l., 9–196 p., 1 l.

University of Illinois, 1911, PH. D.

"Reprinted from the University of Illinois studies in the social sciences, vol. VII, nos. 1 and 2."

Watkins, Gordon, 1889–

. . . A survey of the revenue system of Delaware County, Pennsylvania, with especial reference to the methods of assessment and collection of taxes . . . Champaign, Ill., Flanigan–Pearson co., 1918. 2 p. l., 80 p.

University of Pennsylvania, 1918, PH. D.

Wendel, Hugo Christian Martin.

. . . The evolution of industrial freedom in Prussia, 1845–1849 . . . Allentown, Pa., H. R. Haas & co., 1918. 110 p.

University of Pennsylvania, 1918, PH. D.

Whaling, Heiskell Bryan.

. . . Fair value—economic and legal principles . . . Madison, Wis., 1918. 123 p.

(Bulletin of the University of Wisconsin, no. 923. Economics and political science series, v. 9. no. 3)

University of Wisconsin, 1915, PH. D.

Political Science

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Boyce, Myrna M.

The diplomatic relations of England with the Quadruple alliance 1815–1830 . . . [Iowa City? 1918] 76 p.

University of Iowa, 1917, PH. D.

Published also as University of Iowa monographs, 1st ser., no. 22. November 1918.

Chang, Tso-Shuen.

History and analysis of the commission and city-manager plans of municipal government in the United States . . . Iowa City, Ia., 1918. 290 p.

Iowa university, 1917, PH. D.

Published also as University of Iowa monograph. 1st ser., no. 18, July, 1918. Studies in the social sciences, v. 1.

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Dodds, Harold Willis, 1889–

. . . . Procedure in state legislatures . . . Philadelphia, The American academy of political and social science, 1918. vi, 112 p.

University of Pennsylvania, 1917, PH. D.

Published also as Supplement no. 1 to the Annals of the American academy of political and social science, May, 1918.

Ellingwood, Albert Russell.

. . . Departmental coöperation in state government . . . Menasha, Wis., George Banta publishing company, 1918. 6 p. l., 300 p.

University of Pennsylvania, 1918, PH. D.

Published also without thesis note.

Fox, Dixon Ryan, 1887–

The decline of aristocracy in the politics of New York . . . New York, 1918. xiii, 460 p., 1 l.

Columbia university, 1917, PH. D.

Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university, vol. LXXXVI, whole no. 198.

Garrett, Mitchell Bennett, 1881–

The French colonial question 1789–1791; dealings of the Constituent assembly with problems arising from the revolution in the West Indies . . . Ann Arbor, Mich., G. Wahr [1918] iv p., 1 l., 167 p.

Cornell university, 1910, PH. D.

Published in 1916 without thesis note.

Hollingsworth, William Wiley.

. . . Woodrow Wilson's political ideals as interpreted from his works . . . Princeton, Princeton university press, 1918. vi, 53 p.

University of Pennsylvania, 1918, PH. D.

Howell, Roger, 1895–

The privileges and immunities of state citizenship . . . Baltimore, 1918. vii, 9–121 p.

Johns Hopkins university, 1917, PH. D.

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Lamprecht, Sterling Power, 1890–

The moral and political philosophy of John Locke . . . New York, Columbia university press, 1918. viii, 168 p., 1 l.

Columbia university, 1918, PH. D.

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Moley, Raymond, 1886–

The state movement for efficiency and economy . . . [New York? 1918] 2 p. l., iii–vi, 165 p.

Columbia university, 1918, PH. D.

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University of Pennsylvania, 1917, PH. D.

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Phinney, Chester Squire.

. . . Francis Lieber's influence on American thought and some of his unpublished letters . . . Philadelphia, International printing co., 1918. 85 p.

University of Pennsylvania, 1918, PH. D.

Porter, Kirk Harold.

. . . A history of suffrage in the United States . . . Chicago, Ill., The University of Chicago press, 1918. 2 p. l., vii–xi, 260 p.

University of Chicago, 1918, PH. D.

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Columbia university, 1918, PH. D.

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Education

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Alexander, Thomas, 1887–

The Prussian elementary schools . . . New York, The Macmillan company, 1918. viip., 1 l., 571 p.

(*Lettered on cover:* Text-book series in education)
Columbia university, 1918, PH. D.
Thesis note attached to t.-p.

Beatty, Albert James, 1871–

A comparative study of corporation schools as to their organization, administration, and methods of instruction . . . [Urbana? 1918] 116 p.

University of Illinois, 1917, PH. D.

Brandenburg, George Clinton.

Psychological aspects of language . . . [Baltimore, 1918] cover-title, p. 313–332.

University of Wisconsin, 1915, PH. D.
Thesis note stamped on cover.
"Reprint from the Journal of educational psychology, vol. IX, no. 6, June, 1918."

Bridgman, Olga Louise, 1886–

An experimental study of abnormal children, with special reference to the problems of dependency and delinquency . . . [Berkeley, 1918] cover-title, 59 p.

University of California, 1915, PH. D.
University of California publications in psychology, v. 3, no. 1, March 30, 1918, with a special thesis t.-p. dated May, 1915, attached to the cover-title.

Butterworth, Julian Edward.

. . . Problems in state high school finance . . . Yonkers-on-Hudson, N. Y., World book company, 1918. ix, 214 p.

(School efficiency monographs)
University of Iowa, 1911, PH. D.
Without thesis note.

Childs, Hubert Guy, 1871–

An investigation of certain phases of the reorganization movement in the grammar grades of Indiana public schools

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. . . Fort Wayne, Ind., Fort Wayne printing co., 1918. viii, 187 p., 1 l.

Columbia university, 1918, PH. D.
Published also without thesis note.

Cornell, Clare Brown.
"A graduated scale for determining mental age" . . . [Frankfort, Ky., State journal co., 1918] 41 p.

University of Nebraska, 1915, PH. D.

Dushkin, Alexander Mordecai, 1890–
Jewish education in New York city . . . New York, The Bureau of Jewish education, 1918. 2 p. l., ix p., 1 l., 559 p., 1 l.

Columbia university, 1918, PH. D.

Engelhardt, Nickolaus Louis, 1882–
A school building program for cities . . . New York city, Teachers college, Columbia university, 1918. ix, 130 p., 1 l.

Columbia university, 1918, PH. D.
Published also as Contributions to education, Teachers college, Columbia university, no. 96.

Fukuya, Shoan Masuzo.
. . . An experimental study of attention from the standpoint of mental efficiency: a contribution to educational and social problems . . . [Princeton, Princeton university press, 1918] 3 p. l., 42 p.

University of Chicago, 1917, PH. D.
"Private edition distributed by the University of Chicago libraries, Chicago, Illinois."
"Reprinted from the Psychological monographs, vol. XXV, whole no. 110, 1918."

Good, Harry Gehman, 1880–
. . . Benjamin Rush and his services to American education . . . Berne, Ind., Witness press [1918] x, 283 p.

University of Pennsylvania, 1915, PH. D.
Published also without thesis note.

Gowin, Enoch Burton, 1883–
The selection and training of the business executive . . . New York, The Macmillan company, 1918. xii p., 1 l., 225 p.

Columbia university, 1918, PH. D.

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Hobson, Elsie Garland.

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University of Chicago, 1916, PH. D.

"Private edition, distributed by the University of Chicago libraries."

Published also as Supplementary educational monographs, pub. in conjunction with the School review and the Elementary school journal, vol. III, no. 1, whole no. 11.

Hotz, Henry Gustave, 1880–

First year algebra scales . . . New York city, Teachers college, Columbia university, 1918. 3 p. l., 87, [1] p.

Columbia university, 1918, PH. D.

Ide, Gladys Genevra.

. . . The Witmer formboard and cylinders as tests for children two to six years of age . . . Philadelphia, Pa., The Psychological clinic press, 1918. 2 p. l., 24 p.

University of Pennsylvania, 1918, PH. D.

"Reprinted from the Psychological clinic, vol. XII, no. 3, May 15, 1918."

Kent, Raymond Asa, 1883–

A study of state aid to public schools in Minnesota . . . [Minneapolis] 1918. ix, 183, [1] p.

Columbia university, 1917, PH. D.

Published also as University of Minnesota Studies in the social sciences no. 11.

Kephart, Adam Perry, 1883–

. . . Clinical studies of failures with the Witmer formboard . . . Philadelphia, The Psychological clinic press, 1918. 1 p. l., p. 229–253.

University of Pennsylvania, 1918, PH. D.

"Reprinted from the Psychological clinic, vol. XI, no. 8, January, 1918."

Kruse, Paul Jehu, 1883–

The overlapping of attainments in certain sixth, seventh, and eighth grades . . . New York city, Teachers college, Columbia university, 1918. 3 p. l., 5–91, [1] p.

Columbia university, 1918, PH. D.

Published also as Contributions to education, Teachers college, Columbia university, no. 92.

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Maddox, William Arthur, 1883–

The free school idea in Virginia before the civil war, a phase of political and social evolution . . . New York city, Teachers college, Columbia university, 1918. vi p., 1 l., 225 p., 1 l.

Columbia university, 1918, PH. D.

Published also as Contributions to education, Teachers college, Columbia university, no. 93.

Mateer, Florence.

Child behavior; a critical and experimental study of young children by the method of conditioned reflexes . . . Boston, R. G. Badger [1918] 2 p. l., 7–239 p.

Clark university, 1916, PH. D.

Published also without thesis note.

Mead, Arthur Raymond, 1880–

The development of free schools in the United States as illustrated by Connecticut and Michigan . . . New York city, Teachers college, Columbia university, 1918. 3 p. l., v–xi, 236 p., 1 l.

Columbia university, 1918, PH. D.

Published also as Contributions to education, Teachers college, Columbia university, no. 91.

Miller, Edward Alanson, 1866–

. . . The history of educational legislation in Ohio from 1803 to 1850 . . . [Columbus, 1918] 1 p. l., 286 p.

University of Chicago, 1915, PH. D.

"Private edition distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from Ohio archaeological and historical quarterly, volume XXVII, nos. 1 and 2, January and April, 1918."

Minnick, John Harrison, 1877–

. . . An investigation of certain abilities fundamental to the study of geometry . . . Lancaster, Pa., Press of the New era printing company, 1918. vii, 108 p.

University of Pennsylvania, 1918, PH. D.

Noble, Stuart Grayson, 1886–

Forty years of the public schools in Mississippi, with special reference to the education of the negro . . . New

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York city, Teachers college, Columbia university, 1918. iv p., 1 l., 142 p., 1 l.

Columbia university, 1918, PH. D.

Published also as Contributions to education, Teachers college, Columbia university, no. 94.

Paschal, Franklin Cressey, 1890–

. . . The Witmer cylinder test . . . Hershey, Pa., The Hershey press, 1918. 54 p.

University of Pennsylvania, 1918, PH. D.

Peters, Charles Clinton, 1887–

. . . Selection and organization of materials for a course in "the control of conduct" for secondary schools . . . Spring City, Pa., The Interborough press [1918] 120 p.

University of Pennsylvania, 1916, PH. D.

Robinson, Mabel Louise.

. . . The curriculum of the woman's college . . . Washington, Govt. print. off., 1918. 140 p.

([U. S.] Bureau of education. Bulletin, 1918, no. 6)

Columbia university, 1916, PH. D.

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Roesch, *Sister* **Mary Jeanette,** 1884–

Vocational preparation of youth in Catholic schools . . . Washington, D. C., 1918. 73 p.

Catholic university of America, 1918, PH. D.

Rogers, Agnes Low, 1884–

Experimental tests of mathematical ability and their prognostic value . . . New York city, Teachers college, Columbia university, 1918. v, 118 p., 1 l.

Columbia university, 1917, PH. D.

Published also as Teachers college, Columbia university. Contributions to education, no. 89.

Schuetz, John Joseph, 1874–

The origin of the teaching brotherhoods . . . Washington, D. C., 1918. 104 p.

Catholic university of America, 1918, PH. D.

Williams, Gertha, 1884–

. . . The problem of restoration; a clinical study . . . Menasha, Wis., George Banta publishing company, 1918. 2 p. l., 117 p.

University of Pennsylvania, 1917, PH. D.

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Music

(Class M)

Armstrong, A. Joseph.
. . . Operatic performances in England before Handel . . . Waco, Tex. [Baylor university press] 1918. 74 p.
University of Pennsylvania, 1908, PH. D.
"Baylor university bulletin [vol. XXI] no. 4."

Hewitt, Theodore Brown.
Paul Gerhardt as a hymn writer and his influence on English hymnody . . . New Haven, Yale university press; [etc., etc.] 1918. xiv p., 1 l., 169 p.
"Presented to the Faculty of the Graduate school of Yale university in candidacy for the degree of doctor of philosophy in June, 1917."—Pref.

Wooley, Elmer Otto.
The sphere of music and musical terms in Goethe's lyric poems . . . Bloomington, Ind., 1918. 90 p.
Indiana university, 1915, PH. D.

Language and Literature

(Class P)

Amy, Ernest Francis, 1884–
The text of Chaucer's Legend of good women . . . Princeton, Princeton university press; [etc., etc.] 1918. ix, 109 p.
Princeton university, 1914, PH. D.

Baldwin, Thomas Whitfield, 1890– *ed.*
An edition of Philip Massinger's Duke of Milan . . . by Thomas Whitfield Baldwin . . . Lancaster, Pa., Press of the New era printing company, 1918. ix, 197 p.
Princeton university, 1916, PH. D.
With reproduction of t.-p.: The Dvke of Millaine. A tragædie. As it hath beene often acted by his Maiesties seruants, at the blacke Friers. Written by Philip Massinger gent. London, Print<t>ed by B. A. for Edward Blackmore, 1623.

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Beardslee, John Walter, 1879–

. . . The use of φύσις in fifth-century Greek literature . . . Chicago, Ill., The University of Chicago press, 1918. v, 126 p.

University of Chicago, 1913, PH. D.

Beckwith, Martha Warren, 1871– *tr.*

The Hawaiian romance of Laieikawai with introduction and translation by Martha Warren Beckwith . . . Washington, Govt. print. off., 1918. 384 p.

Columbia university, 1918, PH. D.

Slip with thesis note mounted on t.-p.

"Translated from the Hawaiian text of S. N. Haleole (printed in Honolulu, 1863)"

"Reprinted from the Thirty-third annual report of the Bureau of American ethnology."

Blancké, Wilton Wallace.

. . . The dramatic values in Plautus . . . [Geneva, N. Y., Press of W. F. Humphrey] 1918. 69 p.

University of Pennsylvania, 1916, PH. D.

Bowen, Ray Preston, 1882–

The novels of Ferdinand Fabre, including an account of his life and a discussion of his position in literature . . . Boston, R. G. Badger [1918] 138 p., 1 l.

(*Half-title:* Studies in literature)

Cornell university, 1916, PH. D.

Published also without thesis note.

Brede, Charles Frederic.

. . . The German drama in English on the Philadelphia stage from 1794 to 1830 . . . Philadelphia, Americana Germanica press, 1918. 5 p. l., 3–295 p.

(*Half-title:* Americana Germanica. [no. 34])

University of Pennsylvania, 1905, PH. D.

Published also without thesis note.

Bruce, Harold Lawton, 1887–

. . . Voltaire on the English stage . . . Berkeley, University of California press [1918] cover-title, p. [1]–152.

(University of California publications in modern philology. v. 8, no. 1)

"This study is the revision of a thesis of the same title submitted in 1915 to the Faculty of the Graduate school of Yale university in candidacy for the degree of doctor of philosophy."—Pref.

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Campion, John Leo, 1884–

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Johns Hopkins university, 1917, PH. D.

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Ellinger, Esther Parker.

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Foster, Finley Melville Kendall, 1892–

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(*Half-title:* Columbia university studies in English and comparative literature)

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Columbia university, 1919, PH. D.

Goad, Caroline Mabel.

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Greene, William Chase.

Plato's view of poetry . . .

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Hamilton, Arthur, 1886–

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Bryn Mawr college, 1912, PH. D.

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Yale university, 1914, PH. D.

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Hays, Heber Michel.

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University of Chicago, 1915, PH. D.

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Henderson, Walter Brooks Drayton.

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Holtzhausser, Clara A.

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University of Pennsylvania, 1918, PH. D.

House, Roy Temple, 1878– *ed.*

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University of Chicago, 1917, PH. D.

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Jacob, Cary Franklin, 1885–

The foundations and nature of verse . . . New York, Columbia university press, 1918. ix p., 1 l., 231 p., 1 l.

University of Virginia, 1917, PH. D.

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Le Duc, Alma de Lande, 1878–

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Columbia university, 1916, PH. D.

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Leffingwell, Georgia Williams, 1893–

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Columbia university, 1918, PH. D.

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Lockert, Charles Lacy, 1888– *ed.*

The fatal dowry, by Philip Massinger and Nathaniel Field, ed., from the original quarto, with introduction and notes . . . by Charles Lacy Lockert, jr. . . . Lancaster, Pa., Press of the New era printing company, 1918. iii, 167 p.

Princeton university, 1916, PH. D.

Messer, William Stuart, 1882–

The dream in Homer and Greek tragedy . . . New York, Columbia university press, 1918. viii p., 1 l., 105, [1] p.

(*Half-title:* Columbia university studies in classical philology)
Columbia university, 1918, PH. D.
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Michel, Virgil G., 1890–

The critical principles of Orestes A. Brownson . . . Washington, D. C., 1918. 106 p., 1 l.

Catholic university of America, , PH. D.

Moore, Charlotte.

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University of Pennsylvania, 1915, PH. D.
"Part II of this thesis consists of a transcript of the quarto text, 1637, of Hannibal and Scipio, with some introductory pages remaining from the part here published. The text is accompanied with notes and a glossary."

Norlie, Olaf Morgan, 1876–

Principles of expressive reading, impression before expression . . . Boston, The Gorham press, 1918. 2 p. l., 3–190 p.

University of Minnesota, 1908, PH. D.
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Pasmore, Daniel Frederick, 1889–

Karl Gutzkow's short stories, a study in the technique of narration . . . [Urbana? 1918] 4 p. l., 122 p., 1 l.

University of Illinois, 1917, PH. D.

Quimby, Mary Agnes.

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University of Pennsylvania, 1918, PH. D.

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On the position in the clause of *ne* and *ut* in certain documents of colloquial Latin . . . New York, Columbia university press, 1918. 4 p. l., 44 p., 1 l.

(*Half-title:* Columbia university studies in classical philology)
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Schaffer, Aaron, 1894–

Georg Rudolf Weckherlin, the embodiment of a transitional stage in German metrics. Chapter I. German metrics from earliest times to Opitz . . . Baltimore, J. H. Furst company, 1918. 3 p. l., 57 p., 1 l.

Johns Hopkins university, 1917, PH. D.
"The complete monograph will be issued as number 10 of 'Hesperia: Studies in Germanic philology,' edited by Profs. Hermann Collitz and Henry Wood."

Scholz, Karl William Henry, 1887–

. . . The art of translation, with special reference to English renditions of the prose dramas of Gerhart Hauptmann and Hermann Sudermann . . . Philadelphia, Pa., 1918. 5 p. l., 3–70 p.

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University of Pennsylvania, 1918, PH. D.
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Sell, Lewis Lazarus, 1890–

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Columbia university, 1918, PH. D.

Shafer, Samuel Robert, 1890–

The English ode to 1660; an essay in literary history . . . Princeton, Princeton university press; [etc., etc.] 1918. vi, 167 p.

Princeton university, 1916, PH. D.

Slaten, Arthur Wakefield.

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University of Chicago, 1916, PH. D.
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Snell, Ada Laura Fonda, 1871–

. . . Pause; a study of its nature and its rhythmical function in verse, especially blank verse . . . Ann Arbor [The Ann Arbor press] 1918. 2 p. l., 85, [1] p.

(Contributions to rhetorical theory, ed. by F. N. Scott . . . VIII)
University of Michigan, 1916, PH. D.

Snyder, Alice Dorothea, 1887–

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University of Michigan, 1915, PH. D.
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Spring, Evelyn.

A study of exposition in Greek tragedy . . . [Boston, 1917] 1 p. l., p. 135–224.

"This essay in its original form, entitled Quo modo Aeschylus in tragoediis suis res antecedentis exposuerit, was presented in 1915 in partial fulfilment of the requirements for the degree of doctor of philosophy in Radcliffe college."

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Swann, Harvey Julian, 1884–

French terminologies in the making; studies in conscious contributions to the vocabulary . . . New York, Columbia university press, 1918. xxii, 250 p., 1 l.

(*Half-title:* Columbia university studies in Romance philology and literature)
Columbia university, 1918, PH. D.
Published also without thesis note.

Taylor, John Prentice.

The mythology of Vergil's Aeneid according to Servius . . . [New York, 1918] 4 p. l., 62 p.

New York university, 1917, PH. D.

Vaeth, Joseph Anthony, 1876–

Tirant lo Blanch; a study of its authorship, principal sources and historical setting . . . New York, Columbia university press, 1918. xvi, 169 p., 1 l.

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University of Pennsylvania, 1915, PH. D.

Wann, Louis.

The Oriental in Elizabethan drama . . . [Chicago, 1915] cover-title, p. 163–187.

University of Wisconsin, 1919, PH. D.

Part I of thesis.

Thesis note stamped on cover of pt. I.

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University of Wisconsin, 1919, PH. D.

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"Reprinted from University of Wisconsin studies in language and literature number 2."

Wooley, Elmer Otto.

The sphere of music and musical terms in Goethe's lyric poems . . . Bloomington, Ind., 1918. 90 p.

Indiana university, 1915, PH. D.

Zeydel, Edwin Hermann, 1893–

The Holy Roman empire in German literature . . . New York, Columbia university press, 1918. ix, 144 p.

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Columbia university, 1918, PH. D.

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Abbott, Raymond Barrington, 1873–

Law of motion of a droplet moving with variable velocity in air . . . Lancaster, Pa., Press of the New era printing company [1918] 1 p. l., p. [381]–395.

University of California, 1919, PH. D.

"Reprinted from the Physical review, n. s., vol. XII, no. 5, November, 1918."

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Adamson, William Augustus, 1883–

2, 4-dihydroxybenzoyltetrachloro-o-benzoic acid and 2, 3, 4-trichloro-6-hydroxyxanthone-1-carboxylic acid and some of their derivatives, by W. R. Orndorff and W. A. Adamson . . . [Easton, Pa., 1918] 1 p. l., p. [1235]–1257.

"A reprint of an article based upon a thesis submitted to the Faculty of the Graduate school of Cornell university for the degree of doctor of philosophy, by William Augustus Adamson, 1917."

W. R. Orndorff, instructor under whom thesis was written.

"Reprinted from the Journal of the American chemical society, vol. XL, no. 8. August, 1918."

Adkins, Homer Burton, 1892–

The oxidation by means of alkaline potassium permanganate of acetaldehyde glycol, glycollic aldehyde, glyoxal, glycollic and glyoxalic acids . . . Columbus, O., 1918. 32p.

Ohio state university, 1918, PH. D.

Aronberg, Lester.

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University of Chicago, 1917, PH. D.

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Artschwager, Ernst Friedrich, 1889–

Anatomy of the potato plant, with special reference to the ontogeny of the vascular system . . . [Washington, D. C., 1918] 1 p. l., p. 221–252.

Cornell university, 1918, PH. D.

"Reprinted from Journal of agricultural research, vol. XIV, no. 6, Washington, D. C., August 5, 1918."

Atwell, Wayne Jason, 1889–

The development of the hypophysis cerebri of the rabbit (*Lepus cuniculus* L.) . . . Philadelphia [1918] 1 p. l., p. 271–337.

University of Michigan, 1917, PH. D.

"Reprinted from the American journal of anatomy, vol. 24, no. 3, September, 1918."

"Author's abstract of this paper issued by the [Wistar institute] Bibliographic service, July 19."

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Bakke, Arthur Laurence.

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University of Chicago, 1917, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from the Botanical gazette, vol. LXVI, no. 2, August, 1918."

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Baldwin, Francis Marsh, 1885–

Pharyngeal derivatives of *Amblystoma* . . . Philadelphia, 1918. 1 p. l., 605–680 p., 1 l.

University of Illinois, 1917, PH. D.

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Barrows, Albert Lloyd, 1883–

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University of California, 1917, PH. D.

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Bast, Victor August, 1883–

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Beckerman, Harry.

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Beegle, Frank Moore, 1889–

A study of the mutarotation of glucose and fructose . . . New York, 1918. 21, [1] p.

Columbia university, 1918, PH. D.

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Behre, Ellinor Helene.

. . . An experimental study of acclimation to temperature in *Planaria dorotocephala* . . . [Lancaster, Pa., Press of the New era printing company, 1918] 1 p. l., p. 277–317.

University of Chicago, 1918, PH. D.

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"Reprinted from Biological bulletin, vol. XXXV., no. 5, November, 1918."

Bichowsky, Francis Russell von.

Equilibrium in the reaction between water and sulfur at high temperatures. The dissociation of hydrogen sulfide . . . [Easton, Pa., 1918] cover-title, p. [368]–375.

University of California, 1916, PH. D.

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Blanchard, Julian, 1885–

The brightness sensibility of the retina . . . Lancaster, Pa., Press of the New era printing company, 1918. 1 p. l., 81–99, [1] p.

Columbia university, 1917, PH. D.

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Blumberg, Alfred.

Studies in immunity with special reference to complement fixation . . . Washington, D. C. [1918] cover-title, 11, [1] p.

George Washington university, 1917, PH. D.

"Reprint from the Journal of laboratory and clinical medicine, vol. III, no. 7, April, 1918."

Bock, Carl William, 1888–

The association of voluntary movements . . . [Baltimore, 1918] 1 p. l., p. 277–318, 1 l.

Ohio state university, 1917, PH. D.

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Bonns, Walter Weidenfeld, 1877–

. . . Etherization of tissues and its effect on enzyme activity . . . [St. Louis, 1918] cover-title, p. 225–299.

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Washington university, St. Louis, 1918, PH. D.

"Publications of Washington university, Saint Louis, series v, number 29."

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Bovard, John Freeman, 1881–

The transmission of nervous impulses in relation to locomotion in the earthworm . . . [Berkeley, 1918] 2 pt.

University of California, 1917, PH. D.

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Bowman, Howard Hiestand Minnich, 1886–

Ecology and physiology of the red mangrove . . . Philadelphia, 1918. 1 p. l., p. [589]–673.

University of Pennsylvania, 1917, PH. D.

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Bramble, Charles Clinton, 1890–

A collineation group isomorphic with the group of the double tangents of the plant quartic . . . [Baltimore, 1918] 1 p. l., [351]–365 p., 1 l.

Johns Hopkins university, 1917, PH. D.

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Gallium . . . [Easton, Pa., 1918] 33 p.

Cornell university, 1917, PH. D.

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Brighton, Thomas Bow, 1887–

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University of California, 1917, PH. D.

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Brockbank, Thomas William.

Redintegration in the albino rat, a study in retention . . . Washington, D. C., 1918. 2 p. l., 66 p.

Catholic university of America, 1918, PH. D.

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Broderick, Thomas M.

The relation of the titaniferous magnetite deposits of northeastern Minnesota to the Duluth gabbro . . . Lancaster, Pa., Press of the New era printing company, 1918. 1 p. l., p. 663–696, 35–49.

University of Minnesota, 1917, PH. D.

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Brown, Thomas Benjamin, 1892–

Kathodo-fluorescence of crystals, by Thomas B. Brown. Part I.—A quantitative investigation of the kathodo-fluorescence of willemite, kunzite, and soda glass. (A description of the results obtained by J. A. Veazey.) Part II.—A further investigation of willemite by the writer . . . Lancaster, Pa., Press of the New era printing company, 1918. 1 p. l., p. [39]–57.

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"Since the untimely death of J. A. Veazey prevented the immediate publication of his thesis, and since the work of the writer is so closely related to this previous work, these two papers are here issued as a single publication."

"Reprinted from Physical review, vol. XI, no. 1, January, 1918."

Buchholz, John Theodore.

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University of Chicago, 1917, PH. D.

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Burwash, Edward Moore Jackson, 1873–

. . . The geology of Vancouver and vicinity . . . Chicago, Ill., The University of Chicago press, 1918. 3 p. l., 3–106 p.

University of Chicago, 1915, PH. D.

Chapman, Royal Norton, 1889–

The basal connections of the tracheae of the wings of insects . . . Ithaca, N. Y., The Comstock publishing company, 1918. 1 p. l., p. 27–51.

Cornell university, 1917, PH. D.

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Clark, Guy Wendell, 1887–

The properties and composition of oocytin . . . [Baltimore, The Waverly press] 1918. cover-title, p. 253–262.

University of California, 1918, PH. D.

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Cohn, Edwin Joseph.

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University of Chicago, 1917, PH. D.

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Cole, Howard Irving, 1892–

The use of textile fibers in microscopic qualitative chemical analysis . . . [Easton, Pa., 1917–18] 1 p. l., 7, 7 p.

Cornell university, 1917, PH. D.

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Coombs, Helen Copeland, 1891–

The relation of the dorsal roots of the spinal nerves and the mesencephalon to the control of the respiratory movements . . . [Boston, 1918] 1 p. l., p. 459–471, 1 l.

Columbia university, 1918, PH. D.

"Reprinted from the American journal of physiology, vol. XLVI, July, 1918."

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Cornell, Ethel Letitia, 1892–

A new clinical test for temperature sensitivity, a contribution to the study of temperature reaction in nervous diseases based on the reaction to simultaneous cold and hot stimulation . . . New York, P. B. Hoeber, 1918. 1 p. l., 119–158, 335–372 p., 1 l.

Columbia university, 1919, PH. D.

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Crooker, Sylvan Jay, 1893–

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University of Illinois, 1917, PH. D.

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Curtis, George Morris, 1890–

The morphology of the mammalian seminiferous tubule . . . Philadelphia [1918] 1 p. l., p. 339–394.

University of Michigan, 1914, PH. D.

"Reprinted from the American journal of anatomy, vol. 24, no. 3, September, 1918."

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Curtis, Otis Freeman, 1888–

Stimulation of root growth in cuttings by treatment with chemical compounds . . . [Ithaca, 1918] 1 p. l., p. 71–138.

Cornell university, 1916, PH. D.

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Davidson, Joseph George, 1892–

The formation of aromatic hydrocarbons from natural gas condensate . . . New York city, 1918. 37, [1] p.

Columbia university, 1918, PH. D.

Davis, Elmer Fred, 1887–

Rocks of the Franciscan group. 1. The sandstone. 2. The radiolarian cherts . . . [Berkeley, 1918] 2 pt.

University of California, 1917, PH. D.

University of California publications, Bulletin of the Department of geology, v. 11, nos. 1 and 3, with a special thesis t.-p. attached to the cover of [pt. 1]

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Dawson, Andrew Ignatius, 1876–

Variations in bacteria caused by change of medium . . . [New York?] 1918. 2 p. l., 15, [1] p.

Columbia university, 1918, PH. D.

De Porte, Joseph Vital, 1889–

Irrational involutions on algebraic curves . . . [Baltimore, 1918] 1 p. l., p. [47]–68.

Cornell university, 1916, PH. D.

"Reprinted from American journal of mathematics, vol. XL, no. 1, January, 1918."

Derieux, John Bewley.

. . . The use of mercury drops in Millikan's experiment. Photoelectric effects on mercury droplets . . . [Lancaster, Pa., and Ithaca, N. Y., 1918] 1 p. l., [203]–226, [1], [276]–284 p.

University of Chicago, 1919, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from the Physical review, n. s., vol. XI, nos. 3 and 4, March and April, 1918."

Dodson, John Dillingham.

An experimental study of the relative values of reward and punishment in habit formation . . . [Baltimore, 1917] cover-title, p. 231–276.

University of Minnesota, 1918, PH. D.

On cover: Department of psychology, April, 1918.

"Reprinted from Psychobiology, vol. I, no. 3, November, 1917."

Douglas, Gertrude Elizabeth, 1883–

A study of development in the family *Agaricaceae*. Part I: A study of development in the genus *Cortinarius*. Part II: The development of some exogenous species of agarics . . . [Lancaster, Pa., 1916–18] 1 p. l., p. 319–335, [35]–54.

Cornell university, 1917, PH. D.

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Dudgeon, Winfield Scott.

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University of Chicago, 1917, PH. D.

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Yale university, 1917, PH. D.

Abstract of thesis.

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The measurement of low temperatures and the measurement of specific heats between 60 degrees and 300 degrees absolute . . . [Easton, Pa., 1918] cover-title, p. [489]–500.

University of California, 1917, PH. D.

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Eberson, Frederick, 1892–

A bacteriologic study of the diphtheroid organisms with special reference to Hodgkin's disease . . . New York city, 1918. 56 p.

Columbia university, 1918, PH. D.

Essenberg, Christine Elizabeth, 1879–

The factors controlling the distribution of the *Polynoidae* of the Pacific coast of North America . . . [Berkeley, 1918] cover-title, p. [171]–238.

University of California, 1917, PH. D.

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Faust, Ernest Carroll, 1890–

Life history studies on Montana trematodes . . . [Urbana, 1918] 120 p., 1 l.

University of Illinois, 1917, PH. D.

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Felsing, William August, 1891-

I. The equilibrium of the reaction $Ag_2S+H_2=2Ag+H_2S$. II. The equation of state of ether vapor . . . [Cambridge, Mass.] Technology press, 1918. 39 p.

Massachusetts institute of technology, 1918, PH. D.

Abstract of thesis.

Fenton, Frederick Azel, 1893–

The parasites of leaf-hoppers, with special reference to biology of the *Anteoninae* . . . [Columbus, O.] 1918. cover-title, [84] p.

(Ohio state university. Contributions from the Department of zoology and entomology. no. 51)

Ohio state university, 1918, PH. D.

Without thesis note.

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The influence of certain environmental conditions, especially water supply, upon form and structure in *Ranunculus* . . . [Baltimore, 1918] 1 p. l., p. 209–276.

University of Minnesota, 1917, PH. D.

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Foote, Paul Darwin, 1888–

Some characteristics of the Marvin pyrheliometer . . . [Washington, 1918] cover-title, 1 p. l., p. 605–634.

University of Minnesota, 1917, PH. D.

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Freas, Raymond, 1886–

Esterification limits of benzoic and toluic acids with lower alcohols . . . Easton, Pa., Eschenbach printing co., 1918. 14 p., 1 l.

Johns Hopkins university, 1917, PH. D.

Freed, Edgar Stanley, 1899–

1. A thermodynamic investigation of reactions involving silver sulfide and silver iodide. II. The equilibrium between nitric oxide, nitrogen, peroxide, and aqueous solutions of nitric acid . . . [Cambridge, Mass.] Technology press, 1918. 16 p.

Massachusetts institute of technology, 1918, PH. D.

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Friedline, Cora Louisa, 1893–

The discrimination of cutaneous patterns below the two-point limen . . . [Worcester, 1918] 1 p. l., p. 400–419.

Cornell university, 1918, PH. D.

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Influence of carbonates of magnesium and calcium on bacteria of certain Wisconsin soils . . . Washington, Govt. print. off., 1918. cover-title, p. 463–504.

University of Wisconsin, 1917, PH. D.

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Furman, Nathaniel Howell, 1892–

The use of hydrofluoric acid in analysis and The behavior of solutions of stannic fluoride. . . . [Easton, Pa., Eschenbach printing co., 1918] 23 p.

Princeton university, 1917, PH. D.

Gaehr, Paul Frederick, 1880–

The specific heat of tungsten at incandescent temperatures . . . Lancaster, Pa., Press of the New era printing company [1918] [1], [396]–423 p.

Cornell university, 1918, PH. D.

"Reprinted from the Physical review, vol. XII, no. 5, November, 1918."

Garretson, William Van Nest, 1879–

On the asymptotic solution of the non-homogeneous linear differential equation of the n-th order. A particular solution . . . [Baltimore, 1918] 1 p. l., p. [341]–350.

University of Michigan, 1916, PH. D.

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Potential measurements on the copper-nickel series of alloys, and some observations on brasses . . . Easton, Pa., Eschenbach printing company, 1918. cover-title, 24 p.

Princeton university, 1919, PH. D.

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Goudge, Mabel Ensworth, 1885–

A qualitative and quantitative study of Weber's illusion . . . [Worcester, Mass., 1918] 1 p. l., p. 81–119.

Cornell university, 1914, PH. D.

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Grant, Elmer Daniel, 1873–

. . . Motion of a flexible cable in a vertical plane . . . [Lancaster, Pa., Press of the New era printing company] 1918. 1 p. l., 28 p.

University of Chicago, 1916, PH. D.

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Grout, Frank Fitch, 1880–

The Duluth gabbro and its associated formations . . . [New Haven? 1918] 6 pt. in 1 v.

Yale university, 1917, PH. D.

"A set of articles arranged for publication from a dissertation."

[pt. 1] Economic geology, vol. XIII, no. 3, May, 1918—[pt. 2] American journal of science, vol. XLVI, Sept., 1918—[pt. 3] Journal of geology, vol. XXVI, no. 5, July–August, 1918—[pt. 4] Journal of geology, vol. XXVI, no. 6, Sept.–Oct., 1918—[pt. 5] Journal of geology, vol. XXVI, no. 7, Oct.–Nov., 1918 [pt. 6] Journal of geology, vol. XXVI, no. 7, Oct.–Nov., 1918.

Hanke, Milton Theodore.

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University of Chicago, 1917, PH. D.

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Harding, Earle Atherton, 1887–

A study of the occlusion of hydrogen and oxygen by metal electrodes . . . Easton, Pa., Eschenbach printing co., 1918. 2 p. l., [3]–26 p.

Princeton university, 1918, PH. D.

Harvey, Rodney Beecher, 1890–

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University of Chicago, 1918, PH. D.

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Haseman, Mary Gertrude, 1889–

On knots, with a census of the amphicheirals with twelve crossings . . . Edinburgh, Printed by Neill & co., limited, 1918. 1 p. l., p. [235]–255.

Bryn Mawr college, 1918, PH. D.

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Some circular curves generated by pencils of stelloids and their polars . . . [Urbana, 1918] 2 p. l., 14 p., 1 l.

University of Illinois, 1917, PH. D.

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University of Chicago, 1916, PH. D.

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The scale of influence of substituents in paraffine monobasic acids. The divalent oxygen atom . . . Easton, Pa., Eschenbach printing company, 1918. 26 p., 1 l.

University of Illinois, 1916, PH. D.

Hicks, John Frederick Gross, 1884–

The preparation and properties of yttrium mixed metal . . . [Easton, Pa., 1918] 9, [1] p., 1 l.

University of Illinois, 1918, PH. D.

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Morphology and biology of some *Turbellaria* from the Mississippi basin . . . [Urbana, 1918] 1 p. l., [5]–94 p., 1 l.

University of Illinois, 1917, PH. D.

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First year algebra scales . . . New York city, Teachers college, Columbia university, 1918. 3 p. l., 87, [1] p.

Columbia university, 1918, PH. D.

Huber, Harry Lee.

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University of Chicago, 1917, PH. D.

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Hufford, Mason Edward.

The diffraction ring pattern in the shadow of a circular object . . . [Lancaster, Pa., and Ithaca, N. Y., 1916] cover-title, p. [545]–550.

Indiana university, 1916, PH. D.

Without thesis note.

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Jackson, Thomas Franklin.

The description and stratigraphic relationships of fossil plants from the lower Pennsylvanian rocks of Indiana . . . [Indianapolis, 1917] p. 405–428.

Indiana university, 1916, PH. D.

Without thesis note.

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Job, Thesle Theodore.

Lymphatico-venous communications in the common rat and their significance . . . [Baltimore, 1918] cover-title, p. 467–491.

University of Iowa, 1917, PH. D.

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Kahn, Reuben Leon.

Complement fixation with protein substances . . . [Baltimore, 1918] 1 p. l., 17 p.

New York university, 1916, D. SC.

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Kendall, John Norman, 1891–

Abscission of flowers and fruits in the *Solonaceae,* with special reference to *Nicotiana* . . . [Berkeley, 1918] cover-title, p. [347]–428.

University of California, 1917, PH. D.

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Kenney, Arthur Webster, 1891–

I. The equation of state of liquid ether. II. The technical preparation of perchloric acid from potassium perchlorate . . . [Cambridge, Mass.] Technology press, 1918. 18 p.

Massachusetts institute of technology, 1918, PH. D.

Abstract of thesis.

Keyes, Donald Babcock, 1891–

Equilibria involving cyanogen iodide and the free energy of cyanogen . . . [Easton, Pa., 1918] cover-title, p. [472]–478.

University of California, 1917, PH. D.

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Knox, John Knox.

. . . Geology of the serpentine belt coleraine sheet, Thetford-Black Lake mining district, Quebec . . . Chicago, Ill., 1918. 73 p.

University of Chicago, 1917, PH. D.

Private edition, distributed by the University of Chicago libraries.

Kraus, Ezra Jacob, 1885–

Vegetation and reproduction with special reference to the tomato . . . by Ezra Jacob Kraus and Henry Reist Kraybill . . . [Corvallis, Or., 1918] 2 p. l., 3–90 p.

University of Chicago, 1917, PH. D.

"This bulletin is the result of the cooperative efforts of Messrs. Kraus and Kraybill and has been submitted by them in fulfillment of the thesis requirements for the degree of doctor of philosophy from the University of Chicago."

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from station bulletin 149, Oregon agricultural college, January, 1918."

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Kremers, Harry Cleveland.

Observations on the rare earths: the purification and atomic weight of dysprosium . . . [Urbana? 1918] 22 p., 1 l.

University of Illinois, 1917, PH. D.

Larsell, Olof, 1886–

Studies on the nervus terminalis: mammals . . . [Philadelphia, 1918] 68 p.

Northwestern university, 1918, PH. D.

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Leman, Edwin Daniel.

. . . The relation between the alpha-ray activities and ranges of radioactive substances . . . Chicago, Ill., 1918. 2 p. l., 20 p.

University of Chicago, 1915, PH. D.

"Private edition, distributed by the University of Chicago libraries."

Lindstrom, Ernest Walter, 1891–

Chlorophyll inheritance in maize . . . [Ithaca, 1918] 68 p.

Cornell university, 1918, PH. D.

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"Paper no. 65, Department of plant breeding, Cornell university, Ithaca, New York."

Luckey, Bertha Musson.

The specific brightness of colors . . . Lincoln, 1916. 60 p.

University of Nebraska, 1916, PH. D.

Ludwig, Clinton Albert, 1886–

The influence of illuminating gas and its constituents on certain bacteria and fungi . . . Lancaster, Pa., Press of the New era printing company, 1918. 1 p. l., 31 p.

University of Michigan, 1917, PH. D.

"Reprinted from the American journal of botany, 5: 1–31, January, 1918."

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McClugage, Harry Bruce.

Experiments on the utilization of nitrogen, calcium, and magnesium in diets containing carrots and spinach, by Harry B. McClugage and Lafayette B. Mendel . . . [Baltimore, 1918] cover-title, p. 353–366.

"The data in this paper are taken from the dissertation presented by Harry B. McClugage for the degree of doctor of philosophy, Yale university, 1918."

"From the Sheffield laboratory of physiological chemistry, Yale university, New Haven."

"Reprinted from the Journal of biological chemistry, vol. xxxv, no. 2, August, 1918."

McCrosky, Carl Raymond, 1890–

The oxidizing action of potassium dichromate as compared with that of pure iodine . . . Columbus, O., 1918. 15 p.

Ohio state university, 1918, PH. D.

MacDaniels, Laurence Howland, 1888–

The histology of the phloem in certain woody angiosperms . . . Ithaca, N. Y., 1918. 1 p. l., p. 347–378.

Cornell university, 1917, PH. D.

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McEwen, Robert Stanley, 1888–

The reactions to light and to gravity in *Drosophila* and its mutants . . . [Baltimore, 1918] cover-title, 49–106 p., 1 l.

Columbia university, 1917, PH. D.

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"Reprinted from the Journal of experimental zoölogy, vol. 25, no. 1, February 1918."

McWhorter, Golder Louis, 1888–

Some clinical and experimental observations on gastric acidity use of the gas-chain method . . . [Philadelphia, etc., 1918] cover-title, 13 p.

University of Minnesota, 1918, PH. D.

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Mahood, Samuel Arthur, 1884–

Tetraiodophenolphthalein and tetraiodophenoltetrachlorophthalein and some of their derivatives, by W. R. Orndorff

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and S. A. Mahood . . . [Easton, Pa., 1918] 1 p l., p. [937]–955.

"A reprint of an article based upon a thesis submitted to the Faculty of the Graduate school of Cornell university for the degree of doctor of philosophy, by Samuel Arthur Mahood." 1917.

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"Reprinted from the Journal of the American chemical society, vol. XL, no. 6, June, 1918."

Marcus, Joseph K., 1894–

The synthesis of mono-amino-flavones, of flavone-azobeta-naphthol dyes and of other flavone derivatives . . . New York, Chauncey Holt company [1918] 38 p.

Columbia university, 1918, PH. D.

Minnick, John Harrison, 1877–

. . . An investigation of certain abilities fundamental to the study of geometry . . . Lancaster, Pa., Press of the New era printing company, 1918. vii, 108 p.

University of Pennsylvania, 1918, PH. D.

Mohler, Fred Loomis, 1893–

Resonance radiation of sodium vapor excited by one of the D lines . . . [Lancaster, Pa., 1918] 1 p. l., [70]–80, [1] p.

Johns Hopkins university, 1917, PH. D.

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Morris, Harold Hulett.

. . . A study of the chemistry of gold at high temperatures and pressures . . . [Easton, Pa., 1918] cover-title, p. [917]–927.

University of Wisconsin, 1917, PH. D.

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Mortimer, Franklin Spencer, 1891–

The electromotive force and free energy of dilution of lithium chloride in aqueous and alcoholic solutions . . . Easton, Pa., Eschenbach printing company, 1918. 19, [1] p.

University of Iowa, 1917, PH. D.

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Mullinix, Raymond David.

. . . I. The conductivity of alkaline earth formates in anhydrous formic acid. II. The manufacture of potassium manganate . . . Chicago, Ill., 1918. 13 p.

University of Chicago, 1918, PH. D.

"Private edition, distributed by the University of Chicago libraries."

Musselman, John Rogers, 1890–

The set of eight self-associated points in space . . . [Baltimore, 1918] 1 p. l., p. [69]–86, 1 l.

Johns Hopkins university, 1916, PH. D.

"Reprinted from American journal of mathematics, vol. XL, no. 1, January, 1918."

Muttkowski, Richard Anthony, 1887–

The fauna of Lake Mendota . . . [Madison, Wis.] 1918. cover-title, p. 374–482.

University of Wisconsin, 1916, PH. D.

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Nakahara, Waro.

Studies of amitosis, its physiological relations in the adipose cells of insects, and its probable significance . . . Philadelphia [1918] 1 p. l., p. 483–525.

Cornell university, 1918, PH. D.

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Nelson, Thurlow Christian.

On the origin, nature, and function of the crystalline style of lamellibranchs . . . [Boston, 1918] cover-title, p. 53–111.

University of Wisconsin, 1917, PH. D.

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Newell, Anna Grace, 1876–

The comparative morphology of the genitalia of insects . . . [Columbus, O., 1918] 2 p. l., p. 109–142.

University of Illinois, 1916, PH. D.

"Reprinted from the Annals of the Entomological society of America, vol. XI, no. 2, June, 1918."

"Contribution from the Entomological laboratories of the University of Illinois, no. 51."

Nichols, Harold William.

. . . Theory of variable dynamical electrical systems . . . [Lancaster, Pa., Press of the New era printing company, 1917] 1 p. l., p. 171–193, 1 l.

University of Chicago, 1919, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from the Physical review, n. s., vol. 10, no. 2, August, 1917."

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. . . Report on modes of air motion and the equations of the general circulation of the earth's atmosphere . . . Washington, Govt. print. off., 1918. 1 p. l., p. 311–323.

University of Wisconsin, 1918, PH. D.

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Parr, Rosalie Mary.

The response of *Pilobolus* to light . . . [London, 1918] 1 p. l., [177]–205 p., 1 l.

University of Illinois, 1916, PH. D.

"Reprint from the Annals of botany, vol. XXXII, no. CXXVI, April, 1918."

Peck, Edward Bates.

An investigation of the reaction between antimony and solutions of sodium in liquid ammonia . . . Easton, Pa., Eschenbach printing company [1918] 15 p.

Clark university, 1917, PH. D.

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Pierce, William Dwight, 1881–

Comparative morphology of the order *Strepsiptera* together with records and descriptions of insects . . . [Washington, D. C., 1918] cover-title, 3 p. l., p. 391–501.

George Washington university, 1917, PH. D.

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Pinney, Mary Edith, 1881–

A study of the relation of the behavior of the chromatin to development and heredity in teleost hybrids . . . [Boston, 1918] 1 p. l., p. 225–291, 1 l.

Bryn Mawr college, 1918, PH. D.

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Pratt, Frank Randall, 1876–

Heats of dilution and their variations with temperature . . . [Philadelphia] J. B. Lippincott company, 1918. cover-title, p. 663–695.

Princeton university, 1917, PH. D.

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Price, Henry Ferris, 1884–

. . . Fundamental regions for certain finite groups in S_4 . . . [Baltimore, 1918] [1], [108]–112 p.

University of Pennsylvania, 1915, PH. D.

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Ramler, Otto Joseph, 1887–

On the three-cusped hypocycloids fulfilling certain assigned conditions . . . Washington, D. C., 1918. iv, 22 p.

Catholic university of America, 1918, PH. D.

Rathbun, Mary Jane, 1860–

The grapsoid crabs of America . . . [Washington, 1918] cover-title, xxii, 461 p.

George Washington university, 1917, PH. D.

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Rawlins, Charles Henry, 1889–

Complete systems of concomitants of the three-point and the four-point in elementary geometry . . . [Baltimore, 1918] 1 p. l., [155]–173 p., 1 l.

Johns Hopkins university, 1916, PH. D.

"Reprinted from American journal of mathematics, vol. XL, no. 2, April, 1918."

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Ray, Arthur Benning, 1889–

The electrolysis of solutions of the rare earths . . . [Easton, Pa., 1918] 10 p.

Cornell university, 1916, PH. D.

"Reprinted from the Journal of the American chemical society, vol. XL, no. 1, January, 1918."

Rees, Edwin Arthur.

Heterogeneous equilibria between aqueous and metallic solutions. The interaction of mixed salt solutions and liquid amalgams. A study of the ionization relations of potassium and strontium chlorides in mixtures . . . [Easton, Pa., 1918] 2 p. l., 46 p., 1 l.

University of Illinois, 1918, PH. D.

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Rees, Maurice Holmes.

. . . The influence of pituitary extracts on the daily output of urine . . . [Boston, 1918] 1 p. l., p. 471–484.

University of Chicago, 1917, PH. D.

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Robbins, Wilfred William.

. . . Successions of vegetation in Boulder Park, Colorado . . . [Chicago, 1918] 1 p. l., p. 493–525.

University of Chicago, 1917, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from the Botanical gazette, vol. LXV, no. 6; June, 1918."

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Roberts, Elmer, 1886–

Fluctuations in a Mendelian character and selection . . . Philadelphia, 1918. 1 p. l., 157–192 p., 1 l.

University of Illinois, 1917, PH. D.

"Author's abstract of this paper issued by the [Wistar institute] Bibliographic service, October 8."

"Paper no. 7 from the Laboratory of genetics, Department of animal husbandry, University of Illinois."

"Reprinted from the Journal of experimental zoölogy, vol. 27, no. 2, November, 1918."

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Robinson, Charles Summers, 1885–

Some experiments on the manifestation of osmotic pressure with membranes of chemically inert materials . . . [Ithaca, N. Y., 1918] cover-title, p. [99]–127, [153]–183.

University of Michigan, 1917, PH. D.

Reprinted from two articles by S. L. Bigelow and C. S. Robinson in the Journal of physical chemistry, vol. 22, 1918.

Rodebush, Worth Huff, 1887–

The freezing points of concentrated solutions and the free energy of solution of salts . . . [New York, 1918] cover-title, p. [1204]–1213.

University of California, 1917, PH. D.

Reprint from the Journal of the American chemical society, vol. XL, no. 8, August, 1918, with a special thesis t.-p. dated May, 1917, attached to the cover-title.

Rogers, Agnes Low, 1884–

Experimental tests of mathematical ability and their prognostic value . . . New York city, Teachers college, Columbia university, 1918. v, 118 p., 1 l.

Columbia university, 1917, PH. D.

Published also as Teachers college, Columbia university. Contributions to education, no. 89.

Root, Francis Metcalf, 1889–

Inheritance in the asexual reproduction of *Centropyxis aculeata* . . . [Princeton, N. J., 1918] cover-title, p. [173]–206.

Johns Hopkins university, 1917, PH. D.

"Reprinted from Genetics 3."

Sampson, Homer Cleveland.

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University of Chicago, 1917, PH. D.

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"Contributions from the Hull botanical laboratory 240."

Scholl, Clarence.

The radioactivity of Illinois waters . . . [Urbana? 1918] 30 p., 1 l.

University of Illinois, 1916, PH. D.

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Schuette, Henry August.

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University of Wisconsin, 1916, PH. D.

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Shoemaker, Harry Melvin.

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Skinner, Glenn Seymour, 1890–

XVIII. Molecular rearrangements in the camphor series. The decomposition products of the methyl ester of iso-aminocamphonanic acid. A new reaction involving the formation of the methyl ether of a hydroxy acid . . . [Urbana? 1918] 31, [1] p.

University of Illinois, 1917, PH. D.

Sleator, William Warner, 1883–

The absorption of near infra-red radiation by water-vapor . . . [Chicago, 1918] cover-title, p. 125–143.

University of Michigan, 1917, PH. D.

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Sperry, Pauline.

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University of Chicago, 1916, PH. D.

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"Reprinted from American journal of mathematics, vol. XL, no. 2 April, 1918."

Stewart, Chester Arthur, 1891–

Changes in the relative weights of the various parts, systems and organs of young albino rats underfed for various periods . . . [Baltimore, 1918] 1 p. l., p. 301–353.

University of Minnesota, 1918, PH. D.

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Stock, Chester, 1892–

The Pleistocene fauna of Hawver cave . . . [Berkeley, 1918] cover-title, p. [461]–515.

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University of California publications. Bulletin of the Department of geology, v. 10, no. 24. Issued April 23, 1918, with special thesis t.-p. dated May, 1917, attached to the cover-title.

Stout, Joseph Duerson, 1886–

On the motor functions of the cerebral cortex of the cat . . . Washington, D. C., 1918. cover-title, p. 177–229.

George Washington university, 1915, PH. D.

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Swaine, James Malcolm, 1878–

Canadian bark-beetles, a preliminary classification, with an account of the habits and means of control . . . [Ottawa, 1918] 2 p. l., 3–143 p.

Cornell university, 1919, PH. D.

"Reprinted from Canadian Department of agriculture, Entomological branch, Bulletin 14, part II, 1918."

Tanner, Fred Wilbur.

A study of green fluorescent bacteria from water . . . [Baltimore, 1918] 2 p. l., 63–101 p., 1 l.

University of Illinois, 1916, PH. D.

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. . . The barite deposits of Missouri and the geology of the barite district . . . Columbia, Mo., University of Missouri, 1918. 2 p. l., vii–xi, 111 p.

University of Chicago, 1916, PH. D.

"Science series, vol. III, no. 1, the University of Missouri studies."

Taylor, Rood, 1885–

Hunger in the infant . . . [Minneapolis, 1918] cover-title, 34 p.

University of Minnesota, 1917, D. SC.

Thrun, Walter Eugene, 1892–

Determination of various forms of nitrogen in bovine flesh, including the products of hydrolysis of some of the proteins . . . [Baltimore, 1918] 1 p. l., 22 p.

University of Missouri, 1917, PH. D.

"Reprinted from the Journal of biological chemistry, vol. XXXIV, no. 2, 1918."

Tressler, Donald Kiteley, 1894–

Solubility of soil potash in various salt solutions . . . [Baltimore, 1918] 1 p. l., p. 237–257.

Cornell university, 1918, PH. D.

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Ulrey, Clayton T., 1884–

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Columbia university, 1918, PH. D.
"Reprinted from the Physical review, vol. XI, no. 5, May, 1918."

Ulrey, Dayton L., 1884–

The relation between the specific inductive capacity of an electrolyte and the electric potential of a metal placed in it . . . Lancaster, Pa., Press of the New era printing company [1918] 1 p. l., p. [47]–58.

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Valleau, William Dorney, 1891–

Sterility in the strawberry . . . Washington, Govt. print. off., 1918. cover-title, p. 613–670.

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Veazey, John Armor.

Kathodo-fluorescence of crystals, by Thomas B. Brown. Part I.—A quantitative investigation of the kathodo-fluorescence of willemite, kunzite, and soda glass. (A description of the results obtained by J. A. Veazey.) Part II.—A further investigation of willemite by the writer . . . Lancaster, Pa., Press of the New era printing company, 1918. 1 p. l., p. [39]–57.

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"Since the untimely death of J. A. Veazey prevented the immediate publication of his thesis, and since the work of the writer is so closely related to this previous work, these two papers are here issued as a single publication."
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Vollweiler, Ernest Henry, 1893–

The action of acid halides on aldehydes and ketones . . . [Easton, Pa., 1918] 19, [1] p.

University of Illinois, 1918, PH. D.

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Voss, Vivian, 1894–

The ratio of the intensities of the D lines of sodium . . . [Lancaster, Pa., Press of the New era printing company, 1918] 1 p. l., p. [21]–28, 1 l.

Johns Hopkins university, 1917, PH. D.

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Waksman, Selman Abraham, 1888–

Studies on proteolytic activities of soil microorganisms . . . [Baltimore, 1918] 2 pt.

University of California, 1917, PH. D.

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Warner, Earle Horace, 1889–

The pressure increase in the corona . . . Lancaster, Pa., Press of the New era printing company, 1918. 17, [1] p.

University of Illinois, 1918, PH. D.

"Reprinted from the Physical review, n. s., vol. VIII., no. 3, September, 1916; and vol. X., no. 5, November, 1917."

Waynick, Dean David, 1891–

The chemical composition of the plant as further proof of the close relation between antagonism and cell permeability . . . [Berkeley, 1918] cover-title, p. [135]–242.

University of California, 1917, PH. D.

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Weatherwax, Paul.

The evolution of maize . . . [New York, 1918] cover-title, p. 309–342.

Indiana university, 1918, PH. D.

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Weiland, Henry Joseph.

The measurement of the conductivity of electrolytes in very dilute solutions . . . . [Urbana? 1918] 25, [1] p.

University of Illinois, 1917, PH. D.

Weinstein, Alexander, 1893–

Coincidence of crossing over in *Drosophila melanogaster* (*Ampelophila*) . . . [Princeton, N. J., 1918] cover-title, p. [135]–159.

Columbia university, 1917, PH. D.

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Weinstein, Israel.

Extracts of antibodies obtained from specific precipitates of typhoid-antityphoid serum complex . . . [Baltimore, 1918] cover-title, p. 17–33.

New York university, 1917, D. SC.

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Weiss, Charles.

. . . The properties of pneumotoxin and its probable function in the pathology of lobar pneumonia . . . [Boston, 1918] 2 p. l., p. 103–122.

University of Pennsylvania, 1918, PH. D.

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Welo, Lars Alvin, 1888–

On the variations of the photo-electric current due to heating and the occlusion and emission of gases . . . [Ithaca, N. Y., 1918] cover-title, p. [251]–276.

University of California, 1918, PH. D.

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Weniger, Wanda.

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University of Chicago, 1918, PH. D.

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White, Edith Grace, 1890–

. . . The origin of the electric organs in *Astroscopus guttatus* . . . [Washington, D. C., 1918] p. [139]–172.

Columbia university, 1918, PH. D.

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Whiteford, Gilbert Hayes, 1876–

A study of the decomposition of silicates by barium salts . . . Fort Collins, Colo., Courier press [1918] 26 p.

Johns Hopkins university, 1917, PH. D.

Wilson, William Harold, 1892–

On a certain general class of functional equations . . . [Baltimore, 1918] 2 p. l., 20 p., 1 l.

University of Illinois, 1917, PH. D.

Reprinted from American journal of mathematics, v. 40, no. 3, July, 1918, p. 263–282.

Woods, William Colcord, 1893–

The biology of alder flea-beetle . . . [Orono, Me., 1917] 1 p. l., p. [249]–284.

Cornell university, 1917, PH. D.

Pt. I of thesis.

"Reprinted from Bulletin 265 of the Maine agricultural station."

Woods, William Colcord, 1893–

The alimentary canal of the larva of the alder flea-beetle . . . [Columbus, O., 1918] 1 p. l., p. 283–313.

Cornell university, 1917, PH. D.

Pt. II of thesis.

"Reprinted from the Annals of the Entomological society of America, vol. XI, no. 3, September, 1918."

Woodward, Alvalyn Eunice, 1884

Studies on the physiological significance of certain precipitates from the egg secretions of *Arbacia* and *Asterias* . . . [Baltimore, 1918] 1 p. l., p. 459–501.

University of Michigan, 1918, PH. D.

"Reprinted from the Journal of experimental zoölogy, volume 26, number 3, August, 1918."

"Author's abstract of this paper issued by the [Wistar institute] Bibliographic service, June 24."

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Wright, Winthrop Robins, 1888–

The magnetization of iron in the absence of hysteresis . . . [Lancaster, Pa., and Ithaca, N. Y., 1918] cover-title, p. 161–169.

University of Michigan, 1917, PH. D.

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Yocom, Harry Barclay, 1888–

The neuromotor apparatus of *Euplotes patella* . . . [Berkeley, 1918] cover-title, p. [337]–396.

University of California, 1917, PH. D.

University of California publications in zoology, v. 18, no. 14, September 7, 1918, with special thesis t.-p. dated December, 1917, attached to the cover-title.

Young, Charles Otis.

Tetrabromophthalic acid and some derivatives of tetrabromophthalimide . . . Pittsburgh, Pa., 1918. 16 p.

University of Pittsburgh, , PH. D.

"Reprinted from the Journal of the American chemical society, September, 1918."

Young, Vive Hall.

Some factors affecting inulase formation in *Aspergillus niger* . . . [Baltimore, 1918] cover-title, p. 75–87, 114–133.

University of Wisconsin, 1916, PH. D.

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Medicine

(Class R)

Benda, Theodore.

Mental factors in the causation, cure and prevention of disease . . . [Worcester? Mass., 1918] 90 p.

Clark university, 1917, PH. D.

Cornell, Ethel Letitia, 1892–

A new clinical test for temperature sensitivity, a contribution to the study of temperature reaction in nervous diseases based on the reaction to simultaneous cold and

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hot stimulation . . . New York, P. B. Hoeber, 1918. 1 p. l., 119–158, 335–372 p., 1 l.

Columbia university, 1919, PH. D.

"Reprinted from vol. I, no. 3 . . . and vol. I, no. 9 . . . The Neurological bulletin . . . ©1918."

Eberson, Frederick, 1892–

A bacteriologic study of the diphtheroid organisms with special reference to Hodgkin's disease . . . New York city, 1918. 56 p.

Columbia university, 1918, PH. D.

Florence, Philip Sargant, 1890–

Use of factory statistics in the investigation of industrial fatigue, a manual for field research . . . New York, 1918. 156 p.

Columbia university, 1918, PH. D.

Published also as Studies in history, economics and public law, ed. by the Faculty of political science of Columbia university. vol. LXXXI, no. 3; whole no. 190.

Good, Harry Gehman, 1880–

. . . Benjamin Rush and his services to American education . . . Berne, Ind., Witness press [1918] x, 283 p.

University of Pennsylvania, 1915, PH. D.

Published also without thesis note.

Hixson, Arthur Warren, 1880–

A study of the conditions essential for the commercial manufacture of carvacrol . . . New York city, 1918. 2 p. l., 27, [1] p.

Columbia university, 1918, PH. D.

McWhorter, Golder Louis, 1888–

Some clinical and experimental observations on gastric acidity use of the gas-chain method . . . [Philadelphia, etc., 1918] cover-title, 13 p.

University of Minnesota, 1918, PH. D.

Slip with thesis note mounted on p. 2 of cover.

"From the American journal of the medical sciences, May, 1918, no. 5, vol. CLV, p. 672."

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Moral, José D., 1885–

The action of certain antiseptics, toxic salts, and alkaloids on the bacteria and protozoa of the intestine of the rabbit . . . [New York? 1918] 12 p.

Columbia university, 1918, PH. D.

Woltman, Henry William, 1889–

Brain changes associated with pernicious anemia . . . Chicago, American medical association, 1918. cover-title, 56 p.

University of Minnesota, 1917, PH. D.

"Reprinted from the Archives of internal medicine, June, 1918, vol. XXI, pp. 791–838."

Agriculture—Plant and Animal Industry, etc.

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Artschwager, Ernst Friedrich, 1889–

Anatomy of the potato plant, with special reference to the ontogeny of the vascular system . . . [Washington, D. C., 1918] 1 p. l., p. 221–252.

Cornell university, 1918, PH. D.

"Reprinted from Journal of agricultural research, vol. XIV, no. 6, Washington, D. C., August 5, 1918."

Bakke, Arthur Laurence.

. . . Determination of wilting . . . [Chicago, 1918] 1 p. l., p. 81–116.

University of Chicago, 1917, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

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Bradley, Harriett, 1892–

The enclosures in England, an economic reconstruction . . . New York, 1918. 3 p. l., 9–113 p.

Columbia university, 1917, PH. D.

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Breitenbecher, Joseph Kumler.

. . . The relation of water to the behavior of the potato beetle in a desert . . . [Washington, 1918] 2 p. l., p. 343–384.

University of Chicago, 1913, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from Publication 263 of the Carnegie institution of Washington."

Carsner, Eubanks.

Angular-leafspot of cucumber: dissemination, over-wintering and control . . . Washington, Govt. print. off., 1918. cover-title, p. 201–220, 3 l.

University of Wisconsin, 1917, PH. D.

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"Reprinted from Journal of agricultural research, vol. xv, no. 3 . . . October 21, 1918."

Clothier, Robert Waitman, 1871–

Farm organization in the irrigated valleys of southern Arizona . . . [Washington, D. C., 1918] cover-title, 4, 59, [1], 13, [1] p.

George Washington university, 1917, PH. D.

A reissue of United States Department of agriculture Bulletin no. 654, June 14, 1918, with 2 preliminary leaves and Addenda: Review of literature bearing on the subject (13, [1] p.)

Curtis, Otis Freeman, 1888–

Stimulation of root growth in cuttings by treatment with chemical compounds . . . [Ithaca, 1918] 1 p. l., p. 71–138.

Cornell university, 1916, PH. D.

"Reprinted from Memoir no. 14, August, 1918, of Cornell university agricultural experiment station."

Fenton, Frederick Azel, 1893–

The parasites of leaf-hoppers, with special reference to biology of the *Anteoninae* . . . [Columbus, O.] 1918. cover-title, [84] p.

(Ohio state university. Contributions from the Department of zoology and entomology. no. 51)

Ohio state university, 1918, PH. D.

Without thesis note.

Reprinted from the Ohio journal of science, vol. XVIII, no. 6, p. 177–212; no. 7, p. 243–278; no. 8, p. 285–296.

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Gardner, Max William, 1890–

. . . Anthracnose of cucurbits . . . Washington, Govt. print. off., 1918. cover-title, 68 p.

(U. S. Dept. of agriculture. Bulletin no. 727. Professional paper)
University of Wisconsin, 1917, PH. D.
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Giddings, Nahum James, 1883–

. . . Infection and immunity in apple rust . . . [Morgantown, W. Va., 1918] 71 p.

(West Virginia university agricultural experiment station . . . Bulletin 170, December, 1918)
University of Wisconsin, 1918, PH. D.
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Harvey, Rodney Beecher, 1890–

. . . Hardening process in plants and developments from frost injury . . . [Washington, 1918] 1 p. l., p. 83–112.

University of Chicago, 1918, PH. D.
"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."
"Reprinted from the Journal of agricultural research, vol. XV, no. 2, October, 1918."

Hawley, Ira Myron, 1884–

Insects injurious to the hop in New York, with special reference to the hop grub and the hop redbug . . . [Ithaca, N. Y., 1918] 1 p. l., p. 143–224.

Cornell university, 1916, PH. D.
Published as Cornell university agricultural experiment station Memoir 15, November, 1918.

Henderson, Martin Perry.

. . . The black-leg disease of cabbage caused by *Phoma lingam* (Tode) Desmaz . . .

(*In* Phytopathology, official organ of the American phytopathological society. Baltimore, 1918. v. 8, no. 8, p. [379]–431)
University of Wisconsin, 1914, PH. D.
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Hills, Thomas Lawrence, 1890–

Influence of nitrates on nitrogen-assimilating bacteria . . . Washington, Govt. print. off., 1918. cover-title, p. 183–230.

University of Wisconsin, 1917, PH. D.
Thesis note stamped on cover; also found in foot-note on p. 183.
"Reprinted from Journal of agricultural research, vol. XII, no. 4 . . . January 28, 1918."

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Hughes, Josiah Simpson, 1884–

. . . Some nutritive properties of corn . . . Topeka, Kansas state printing plant, W. R. Smith, state printer, 1918. cover-title, 3–39 p.

(Agricultural experiment station, Kansas state agricultural college. Technical bulletin no. 5)

Ohio state university, 1917, PH. D

Thesis note is a foot-note on p. 5.

Kendall, John Norman, 1891–

Abscission of flowers and fruits in the *Solanaceae*, with special reference to *Nicotiana* . . . [Berkeley, 1918] cover-title, p. [347]–428.

University of California, 1917, PH. D.

University of California publications in botany, v. 5, no. 12, March 6, 1918, with a special thesis t.-p. dated May, 1917, attached to the cover-title.

Kiesselbach, Theodore Alexander.

Studies concerning the elimination of experimental error in comparative crop tests . . . [Lincoln ? 1918] 95 p.

University of Nebraska, , PH. D.

"Reprint from Nebraska agricultural experiment station Research bulletin no. 13."

Kraus, Ezra Jacob, 1885–

Vegetation and reproduction with special reference to the tomato . . . by Ezra Jacob Kraus and Henry Reist Kraybill . . . [Corvallis, Or., 1918] 2 p. l., 3–90 p.

University of Chicago, 1917, PH. D.

"This bulletin is the result of the cooperative efforts of Messrs. Kraus and Kraybill and has been submitted by them in fulfillment of the thesis requirements for the degree of doctor of philosophy from the University of Chicago."

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from station bulletin 149, Oregon agricultural college, January, 1918."

Kraybill, Henry Reist *see* **Kraus, Ezra Jacob.**

Lindstrom, Ernest Walter, 1891–

Chlorophyll inheritance in maize . . . [Ithaca, 1918] 68 p.

Cornell university, 1918, PH. D.

"Reprint from the Cornell university experiment station Memoir 13, August, 1918."

"Paper no. 65, Department of plant breeding, Cornell university, Ithaca, New York."

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Roberts, John William.

. . . The sources of apple bitter-rot infections . . . Washington [Govt. print. off.] 1918. 26 p.

(U. S. Dept. of agriculture. Bulletin no. 684. (Professional paper))
George Washington university, 1917, PH. D.
Thesis note stamped on p. 1.

Rost, Clayton Ord, 1885–

Parallelism of the soils developed on the gray drifts of Minnesota . . . [Minneapolis ?] 1918. 68 p.

University of Minnesota, 1918, PH. D.

Swaine, James Malcolm, 1878–

Canadian bark-beetles, a preliminary classification, with an account of the habits and means of control . . . [Ottawa, 1918] 2 p. l., 3–143 p.

Cornell university, 1919, PH. D.
"Reprinted from Canadian Department of agriculture, Entomological branch, Bulletin 14, part II, 1918."

Tressler, Donald Kiteley, 1894–

Solubility of soil potash in various salt solutions . . . [Baltimore, 1918] 1 p. l., p. 237–257.

Cornell university, 1918, PH. D.
"Reprinted from Soil science, vol. 6, no. 3, September, 1918."

Valleau, William Dorney, 1891–

Sterility in the strawberry . . . Washington, Govt. print. off., 1918. cover-title, p. 613–670.

University of Minnesota, 1917, PH. D.
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"Reprinted from Journal of agricultural research, vol. XII, no. 10, Washington, D. C.; March 11, 1918."

Waldron, Ralph Augustus.

The peanut (*Arachis hypogea*); its history, histology, physiology, and utility . . . Philadelphia, Pa., 1918. cover-title, p. [301]–338.

University of Pennsylvania, 1918, PH. D.
Reprinted from University of Pennsylvania Botanical contributions, vol. IV.

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Weatherwax, Paul.

The evolution of maize . . . [New York, 1918] cover-title, p. 309–342.

Indiana university, 1918, PH. D.

Without thesis note.

"Reprinted . . . from the Bulletin of the Torrey botanical club 45 . . . September 9, 1918."

Wells, Bertram Whittier.

. . . The zoocecidia of northeastern United States and eastern Canada . . . [Chicago, 1918] 1 p. l., p. 535–542.

University of Chicago, 1917, PH. D.

"Private edition, distributed by the University of Chicago libraries, Chicago, Illinois."

"Reprinted from the Botanical gazette, vol. LXV, no. 6, June, 1918."

"Contributions from the Hull botanical laboratory 239."

White, Earl Archibald, 1883–

A study of the plow bottom and its action upon the furrow slice . . . [Washington, D. C., 1918] 1 p. l., 149–182 p., 1 l., [2] p., 1 l.

Cornell university, 1917, PH. D.

"Reprinted from Journal of agricultural research, vol. XII, no. 4, January 28, 1918."

Wiggans, Cleo Claude, 1889–

. . . A study of some factors influencing fruitfulness in apples . . . Columbia, University of Missouri, 1918. 60 p.

University of Missouri, 1918, PH. D.

Reprinted from the Missouri agricultural experiment station Research bulletin 32.

Wilson, Benjamin Dunbar, 1888–

The translocation of calcium in a soil . . . [Ithaca, N. Y., 1918] 1 p. l., p. 295–324.

Cornell university, 1918, PH. D.

"Reprinted from Memoir 17, December, 1918, of Cornell university agricultural experiment station."

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Technology

(Class T)

Beatty, Albert James, 1871–

A comparative study of corporation schools as to their organization, administration, and methods of instruction . . . [Urbana? 1918] 116 p.

University of Illinois, 1917, PH. D.

Broderick, Thomas M., 1889–

The relation of the titaniferous magnetite deposits of northeastern Minnesota to the Duluth gabbro . . . Lancaster, Pa., Press of the New era printing company, 1918. 1 p. l., p. 663–696, 35–49.

University of Minnesota, 1917, PH. D.

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SECTION III

INDEX OF SUBJECTS

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SECTION IV

ALPHABETICAL LIST, BY UNIVERSITY, OF DOCTORS WHOSE THESES WERE PRINTED IN 1918

With Supplementary Lists, 1914, 1916, and 1917

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ALPHABETICAL LIST BY UNIVERSITY
1914, FOURTH SUPPLEMENT

The date following the name indicates year degree was conferred.

BRYN MAWR COLLEGE

Harmon, Esther, 1912.

ALPHABETICAL LIST BY UNIVERSITY
1916, SECOND SUPPLEMENT

The date following the name indicates year degree was conferred.

COLUMBIA UNIVERSITY

Ferguson, Maxwell.

UNIVERSITY OF ILLINOIS

Clark, Helen, 1916.

INDIANA UNIVERSITY

Hufford, Mason Edward, 1916.

UNIVERSITY OF NEBRASKA

Luckey, Bertha Musson, 1916.

UNIVERSITY OF WISCONSIN

Coulter, Ellis Merton, 1917.

YALE UNIVERSITY

Harris, Lynn Harold, 1914.

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ALPHABETICAL LIST BY UNIVERSITY
1917, SUPPLEMENT

The date following the name indicates year degree was conferred.

UNIVERSITY OF CHICAGO

Nichols, Harold William, 1919.

COLUMBIA UNIVERSITY

Keddy, John Lewis, 1919.

INDIANA UNIVERSITY

Jackson, Thomas Franklin, 1916.

UNIVERSITY OF MINNESOTA

Dodson, John Dillingham, 1918.

RADCLIFFE COLLEGE

Spring, Evelyn, 1915.

UNIVERSITY OF WISCONSIN

Blankenagel, John Carl, 1915.

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ALPHABETICAL LIST BY UNIVERSITY, 1918

The date following the name indicates year degree was conferred; absence of date signifying that so far as our records show degree is not yet granted.

BRYN MAWR COLLEGE

Haseman, Mary Gertrude, 1918.
Pinney, Mary Edith, 1918.

UNIVERSITY OF CALIFORNIA

Abbott, Raymond Barrington, 1919.
Barrows, Albert Lloyd, 1917.
Bichowsky, Francis Russell von, 1916.
Bovard, John Freeman, 1917.
Bridgman, Olga Louise, 1915.
Brighton, Thomas Bow, 1917.
Clark, Guy Wendell, 1918.
Davidson, Gordon Charles, 1916.
Davis, Elmer Fred, 1917.
Eastman, Ermon Dwight, 1917.
Essenberg, Christine Elizabeth, 1917.
Estcourt, Rowland Metzner, 1916.
Kendall, John Norman, 1917.
Keyes, Donald Babcock, 1917.
Rodebush, Worth Huff, 1917.
Stock, Chester, 1917.
Waksman, Selman Abraham, 1917.
Waynick, Dean David, 1917.
Welo, Lars Alvin, 1918.
Yocum, Harry Barclay, 1917.

CATHOLIC UNIVERSITY OF AMERICA

Bast, Victor August, 1918.
Brockbank, Thomas William, 1918.
Heider, Andrew Bernard, 1918.
McCann, Mary Agnes, *sister*, 1918.
Michel, Virgil G.
Noel, Francis Regis, 1918.
Ramler, Otto Joseph, 1918.
Roesch, *Sister* Mary Jeanette, 1918.
Schuetz, John Joseph, 1918.

UNIVERSITY OF CHICAGO

Aronberg, Lester, 1917.
Ayres, Clarence Edwin, 1917.
Bakke, Arthur Laurence, 1917.
Beardslee, John Walter, 1913.
Behre, Ellinor Helene, 1918.
Breitenbecher, Joseph Kumler, 1913.
Buchholz, John Theodore, 1917.
Burwash, Edward Moore Jackson, 1915.
Cohn, Edwin Joseph, 1917.
Derieux, John Bewley, 1919.
Dudgeon, Winfield Scott, 1917.
Fortune, Alonzo Willard, 1915.
Fukuya, Shoan Masuzo, 1917.
Grant, Elmer Daniel, 1916.
Hanke, Milton Theodore, 1917.
Harvey, Rodney Beecher, 1918.
Hays, Heber Michel, 1915.
Henderson, Lawrence Melvin, 1916.
Hoashi, Riichiro, 1917.
Hobson, Elsie Garland, 1916.
House, Roy Temple, 1917.
Huber, Harry Lee, 1917.
Knox, John Knox, 1917.
Koller, Armin Hajman, 1911.
Kraus, Ezra Jacob, 1917.
Kraybill, Henry Reist, 1917.
Leman, Edwin Daniel, 1915.
Miller, Edward Alanson, 1915.
Mullinix, Raymond David, 1918.
Nourse, Edwin Griswold, 1915.
Parkins, Almon Ernest, 1914.

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Porter, Kirk Harold, 1918.
Rees, Maurice Holmes, 1917.
Reuter, Edward Byron, 1919.
Robbins, Wilfred William, 1917.
Sampson, Homer Cleveland, 1917.
Slaten, Arthur Wakefield, 1916.
Smith, Herbert Johnson, 1917.
Sperry, Pauline, 1916.
Stuart, Henry Waldgrave, 1900.
Tarr, William Arthur, 1916.
Visher, Stephen Sargent, 1914.
Wardle, Addie Grace, 1915.
Watson, Arthur Clinton, 1915.
Wearing, Thomas, 1917.
Wells, Bertram Whittier, 1917.
Weniger, Wanda, 1918.

CLARK UNIVERSITY

Benda, Theodore, 1917.
Campbell, Ivy Gertrude, 1914.
McDougle, Ivan Eugene, 1918.
Mateer, Florence, 1916.
Peck, Edward Bates, 1917.
Smith, Frederick Madison, 1916.

COLUMBIA UNIVERSITY

Alexander, Thomas, 1918.
Balz, Albert George Adam, 1916.
Barnes, Harry Elmer, 1918.
Beckwith, Martha Warren, 1918.
Beegle, Frank Moore, 1918.
Blanchard, Julian, 1917.
Bradley, Harriett, 1917.
Childs, Hubert Guy, 1918.
Coombs, Helen Copeland, 1918.
Cornell, Ethel Letitia, 1919.
Davidson, Joseph George, 1918.
Dawson, Andrew Ignatius, 1918.
Dushkin, Alexander Mordecai, 1918.
Eberson, Frederick, 1918.
Engelhardt, Nickolaus Louis, 1918.
Florence, Philip Sargant, 1918.
Foster, Finley Melville Kendall, 1918.
Fox, Dixon Ryan, 1917.
Fundenburg, George Baer, 1919.
Garth, Thomas Russell, 1918.
Gowin, Enoch Burton, 1918.
Hale, Robert Lee, 1918.
Harvitt, Hélène Josephine, 1913.
Higby, Chester Penn, 1919.
Hixson, Arthur Warren, 1918.
Hotz, Henry Gustave, 1918.
Huang, Han Liang, 1918.
Johnson, Franklin, 1918.
Kahn, Lina, 1916.
Kent, Raymond Asa, 1917.
Kester, Roy Bernard, 1919.
Kraeling, Emil Gottlieb Heinrich, 1917.
Kruse, Paul Jehu, 1918.
Lamprecht, Sterling Power, 1918.
Le Duc, Alma de Lande, 1916.
Leffingwell, Georgia Williams, 1918.
Lowe, Boutelle Ellsworth, 1918.
Lowrey, Lawrence Tyndale, 1917.
McEwen, Robert Stanley, 1917.
Maddox, William Arthur, 1918.
Marcus, Joseph K., 1918.
Mead, Arthur Raymond, 1918.
Messer, William Stuart, 1918.
Moley, Raymond, 1918.
Moral, José D., 1918.
Noble, Stuart Grayson, 1918.
Northcott, Clarence Hunter, 1918.
Powell, Fred Wilbur, 1918.
Robinson, Mabel Louise, 1916.
Rogers, Agnes Low, 1917.
Rowland, William Tingle.
Sell, Lewis Lazarus, 1918.
Stauffer, Vernon, 1918.
Swann, Harvey Julian, 1918.
Tai, En-Sai, 1918.
Thurston, Henry Winfred, 1918.
Tucker, Robert Leonard, 1918.
Ulrey, Clayton T., 1918.
Vaeth, Joseph Anthony, 1917.
Weinstein, Alexander, 1917.
White, Edith Grace, 1918.
Zeydel, Edwin Hermann, 1918.

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CORNELL UNIVERSITY

Adamson, William Augustus, 1917.
Artschwager, Ernst Friedrich, 1918.
Bowen, Ray Preston, 1916.
Bridgman, J. Allington, 1917.
Brown, Thomas Benjamin, 1916.
Chapman, Royal Norton, 1917.
Chen, Phoo Hwa, 1917.
Cole, Howard Irving, 1917.
Curtis, Otis Freeman, 1916.
De Porte, Joseph Vital, 1916.
Douglas, Gertrude Elizabeth, 1917.
Friedline, Cora Louisa, 1918.
Gaehr, Paul Frederick, 1918.
Garrett, Mitchell Bennett, 1910.
Goudge, Mabel Ensworth, 1914.
Hawley, Ira Myron, 1916.
Lindstrom, Ernest Walter, 1918.
MacDaniels, Laurence Howland, 1917.
Mahood, Samuel Arthur, 1917.
Martin, Asa Earl, 1915.
Nakahara, Waro, 1918.
Ray, Arthur Benning, 1916.
Swaine, James Malcolm, 1919.
Tressler, Donald Kiteley, 1918.
Veazey, John Armor.
White, Earl Archibald, 1917.
Wilson, Benjamin Dunbar, 1918.
Woods, William Colcord, 1917.

GEORGE WASHINGTON UNIVERSITY

Blumberg, Alfred, 1917.
Clothier, Robert Waitman, 1917.
Pierce, William Dwight, 1917.
Rathbun, Mary Jane, 1917.
Roberts, John William, 1917.
Stout, Joseph Duerson, 1915.

HARVARD UNIVERSITY

Greene, William Chase, 1917.
Haring, Clarence Henry, 1916.
Lutz, Harley Leist, 1914.

UNIVERSITY OF ILLINOIS

Baldwin, Francis Marsh, 1917.
Beatty, Albert James, 1917.
Crooker, Sylvan Jay, 1917.
Faust, Ernest Carroll, 1917.
Hebbert, Clarence Mark, 1917.
Hess, Ray Washington, 1916.
Hicks, John Frederick Gross, 1918.
Higley, Ruth, 1917.
Kremers, Harry Cleveland, 1917.
Layng, Thomas Ernest, 1915.
Mohlman, Floyd William, 1916.
Newell, Anna Grace, 1916.
Parr, Rosalie Mary, 1916.
Pasmore, Daniel Frederick, 1917.
Rees, Edwin Arthur, 1918.
Roberts, Elmer, 1917.
Sabin, Ethel Ernestine, 1916.
Scholl, Clarence, 1916.
Skinner, Glenn Seymour, 1917.
Stowell, Charles Jacob, 1917.
Tanner, Fred Wilbur, 1916.
Vollweiler, Ernest Henry, 1918.
Wang, Ching Chun, 1911.
Warner, Earle Horace, 1918.
Weiland, Henry Joseph, 1917.
Wilson, William Harold, 1917.

INDIANA UNIVERSITY

Weatherwax, Paul, 1918.
Wooley, Elmer Otto, 1915.

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UNIVERSITY OF IOWA

Boyce, Myrna M., 1917.
Butterworth, Julian Edward, 1911.
Chang, Tso-Shuen, 1917.
Gallaher, Ruth Augusta, 1918.
Job, Thestle Theodore, 1917.
Mortimer, Franklin Spencer, 1917.
Pollock, Ivan Lester, 1917.

JOHNS HOPKINS UNIVERSITY

Bramble, Charles Clinton, 1917.
Campion, John Leo, 1917.
Freas, Raymond, 1917.
Greenfield, Kent Roberts, 1915.
Hamilton, Arthur, 1914.
Howell, Roger, 1917.
Kelly, Caleb Guyer, 1916.
Mohler, Fred Loomis, 1917.
Morimoto, Kokichi, 1916.
Musselman, John Rogers, 1916.
Rawlins, Charles Henry, 1916.
Root, Francis Metcalf, 1917.
Schaffer, Aaron, 1917.
Stockett, Joseph Noble, 1916.
Voss, Vivian, 1917.
Whiteford, Gilbert Hayes, 1917.

LELAND STANFORD JUNIOR UNIVERSITY

Ulrey, Dayton L., 1917.

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

Felsing, William August, 1918.
Freed, Edgar Stanley, 1918.
Kenney, Arthur Webster, 1918.

UNIVERSITY OF MICHIGAN

Atwell, Wayne Jason, 1917.
Curtis, George Morris, 1914.
Garretson, William Van Nest, 1916.
Ludwig, Clinton Albert, 1917.
Nagler, Floyd August, 1917.
Robinson, Charles Summers, 1917.
Sleator, William Warner, 1917.
Snell, Ada Laura Fonda, 1916.
Snyder, Alice Dorothea, 1915.
Van den Broek, John A., 1918.
Woodward, Alvalyn Eunice, 1918.
Wright, Winthrop Robins, 1917.

UNIVERSITY OF MINNESOTA

Broderick, Thomas M., 1917.
Folsom, Donald, 1917.
Foote, Paul Darwin, 1917.
McWhorter, Golder Louis, 1918.
Norlie, Olaf Morgan, 1908.
Rost, Clayton Ord, 1918.
Stewart, Chester Arthur, 1918.
Taylor, Rood, 1917.
Valleau, William Dorney, 1917.
Woltman, Henry William, 1917.

UNIVERSITY OF MISSOURI

Thrun, Walter Eugene, 1917.
Wiggans, Cleo Claude, 1918.

UNIVERSITY OF NEBRASKA

Cornell, Clare Brown, 1915.
Kiesselbach, Theodore Alexander.

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NEW YORK UNIVERSITY

Blechman, Nathan, 1917.
Kahn, Reuben Leon, 1916.
Taylor, John Prentice, 1917.
Weinstein, Israel, 1917.

NORTHWESTERN UNIVERSITY

Larsell, Olof, 1918.

OHIO STATE UNIVERSITY

Adkins, Homer Burton, 1918.
Bock, Carl William, 1917.
Fenton, Frederick Azel, 1918.
Hughes, Josiah Simpson, 1917.
McCrosky, Carl Raymond, 1918.

UNIVERSITY OF PENNSYLVANIA

Armstrong, A. Joseph, 1908.
Barron, Mary Louise, 1917.
Beckerman, Harry, 1918.
Blancké, Wilton Wallace, 1916.
Bossard, James Herbert, 1918.
Bowman, Howard Hiestand Minnich, 1917.
Brede, Charles Frederic, 1905.
Burchett, Bessie Rebecca, 1913.
Dodds, Harold Willis, 1917.
Ellinger, Esther Parker, 1918.
Ellingwood, Albert Russell, 1918.
Good, Harry Gehman, 1915.
Hamer, Philip May, 1918.
Hayward, Percy Roy, 1918.
Hollingsworth, William Wiley, 1918.
Holtzhausser, Clara A., 1918.
Ide, Gladys Genevra, 1918.
Jones, Paul Van Brunt, 1912.
Kephart, Adam Perry, 1918.
Lefferts, Walter, 1918.
Levi, Gerson Benedict, 1910.
Lonn, Ella, 1911.
Marvin, Donald Mitchell, 1918.
Mayer, Eli, 1918.
Minnick, John Harrison, 1918.
Moore, Charlotte, 1915.
Munro, Dana Gardner, 1917.
Musser, John, 1912.
Paschal, Franklin Cressey, 1918.
Paterson, Robert Gildersleeve, 1909.
Peters, Charles Clinton, 1916.
Phinney, Chester Squire, 1918.
Price, Henry Ferris, 1915.
Quimby, Mary Agnes, 1918.
Ridgley, Frank Harris, 1916.
Scholz, Karl William Henry, 1918.
Shoemaker, Harry Melvin, 1918.
Vollmer, Clement, 1915.
Waldron, Ralph Augustus, 1918.
Watkins, Gordon, 1918.
Weiss, Charles, 1918.
Wendel, Hugo Christian Martin, 1918.
Williams, Gertha, 1917.
Yerkes, Royden Keith, 1918.

UNIVERSITY OF PITTSBURGH

Young, Charles Otis.

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PRINCETON UNIVERSITY

Amy, Ernest Francis, 1914.
Baldwin, Thomas Whitfield, 1916.
Furman, Nathaniel Howell, 1917.
Gordon, Newell Trimble, 1919.
Harding, Earle Atherton, 1918.
Henderson, Walter Brooks Drayton, 1915.
Lockert, Charles Lacy, 1916.
Pratt, Frank Randall, 1917.
Shafer, Samuel Robert, 1916.
Stewart, John Quincy, 1919.

UNIVERSITY OF VIRGINIA

Jacob, Cary Franklin, 1917.

WASHINGTON UNIVERSITY, ST. LOUIS

Bonns, Walter Weidenfeld, 1918.

UNIVERSITY OF WISCONSIN

Andrews, John Bertram, 1908.
Brandenburg, George Clinton, 1915.
Brann, Albert, 1918.
Carsner, Eubanks, 1917.
Cotterill, Robert Spencer, 1919.
Eller, William Henri, 1916.
Fulmer, Henry Luman, 1917.
Gardner, Max William, 1917.
Giddings, Nahum James, 1918.
Henderson, Martin Perry, 1914.
Hills, Thomas Lawrence, 1917.
Morris, Harold Hulett, 1917.
Muttkowski, Richard Anthony, 1916.
Nelson, Thurlow Christian, 1917.
Paine, George Porter, 1918.
Perlman, Selig, 1915.
Putnam, James William, 1909.
Quigley, Harold Scott, 1916.
Schuette, Henry August, 1916.
Sumner, Helen Laura, 1908.
Wann, Louis, 1919.
Whaling, Heiskell Bryan, 1915.
Young, Vive Hall, 1916.

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Boström, Otto Henry, 1916.
Bruce, Harold Lawton, 1915.
Dunbar, Carl Owen, 1917.
Goad, Caroline Mabel, 1916.
Grout, Frank Fitch, 1917.
Hewitt, Theodore Brown, 1917.
McClugage, Harry Bruce, 1918.
Purcell, Richard Joseph, 1916.

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